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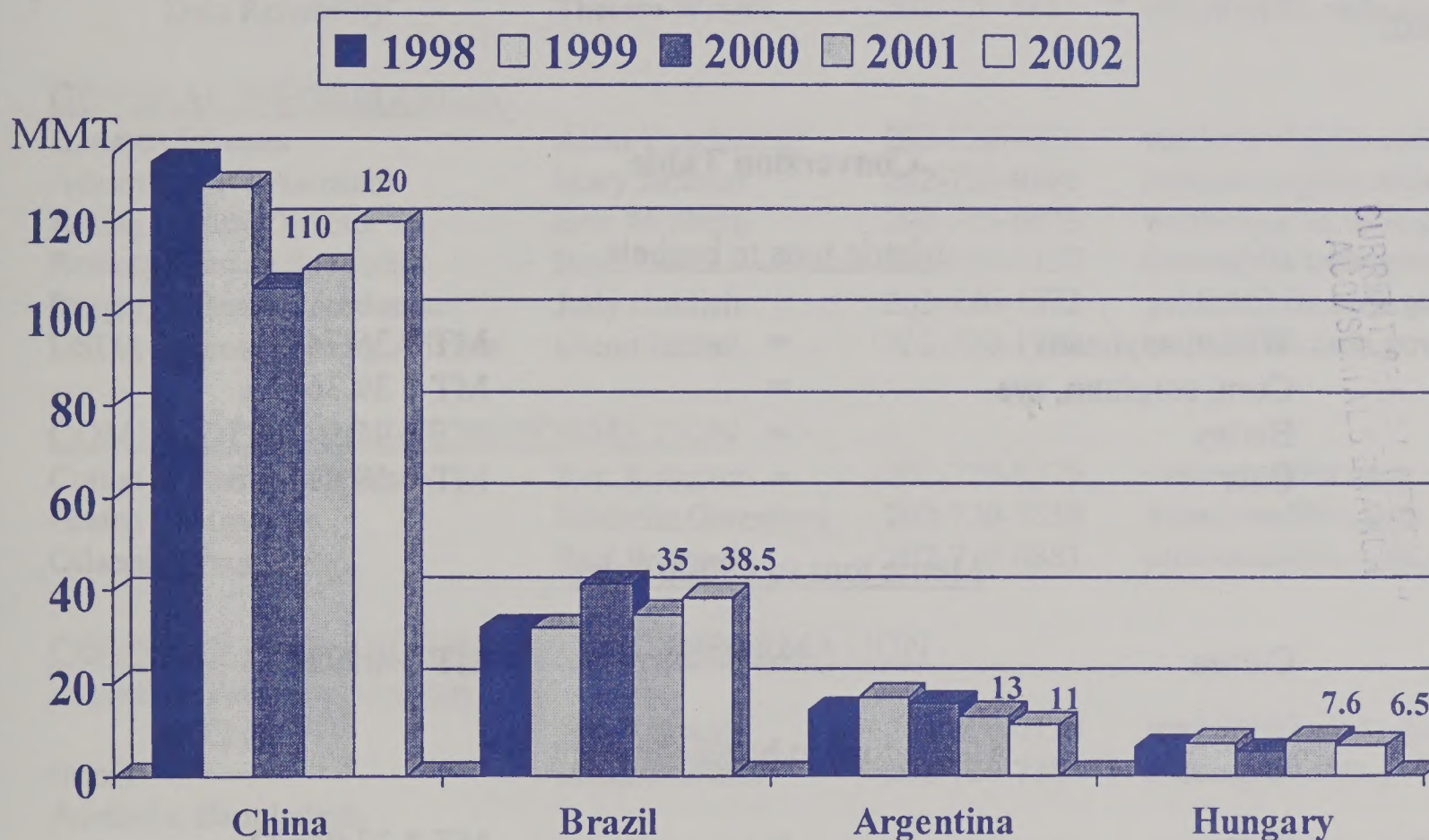
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# World Agricultural Production

## Corn Production Changes of Major Competitors



Projected foreign corn production dropped this month by 1.2 million tons or 33 percent to 361.4 million tons, due to a drought-driven decrease in parts of Romania and Hungary. Major corn exporters are taking different paths for 2002/03. Argentina and Hungary are expected to drop production, while a larger corn crop is expected in China and Brazil. The net effect is an increase in corn output by 10.4 million tons for these four countries, compared to 2001/02. China's corn area is projected to increase 0.5 million hectares from a year earlier due to continued strong protection prices in Manchuria. Yields are expected to rebound from the drought-reduced levels of the past two seasons. Argentina's corn area is expected to decrease 11 percent from last season. The high inflation combined with the 20 percent corn export tax, are expected to dampen the benefits engendered by the devaluation in Argentina. Brazil's corn crop is expected to increase by 10 percent from the drought-affected harvest in 2001/02. Corn area in Brazil is forecast to rebound to near-normal historical levels, erasing much of the soybean expansion that occurred in key southern states last year. The bulk of increased acreage is forecast to occur during the main summer crop, which normally represents about 85 percent of total production. Corn planting in Argentina and Brazil begins in October. The Hungary corn crop was planted in April and is expected to be harvested in the late fall.



This report uses information from the Foreign Agricultural Services' (FAS) global network of agricultural attachés and counselors, official statistics of foreign governments and other foreign source materials; and the results of economic and satellite imagery analysis. Estimates of foreign area, yield, and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. Estimates of U.S. area, yield, and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-387) June 12, 2002.

This report was prepared by the Production Estimates and Crop Assessment Division, FAS/USDA. The next issue of World Agricultural Production will be released after 3:00 p.m. Eastern time on July 18, 2002.

### Conversion Table

#### Metric tons to bushels

Wheat, soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

#### Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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#### Metric tons to hundredweight

Rice	=	MT * 22.04622
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#### Area & Weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds



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# **TABLE OF CONTENTS**

**June 2002**

## **SUBJECT**

## **PAGE**

### **PRODUCTION BRIEFS**

#### **Key 2002/03 Production Briefs**

World: Oilseed Production Forecast to Decline in the U.S., but Rise in Foreign Countries .....	5
China: Wheat Crop Lower Due to Unfavorable Weather .....	5
France: Beneficial Growing Conditions Raise EU Wheat Production .....	5
Romania: Drought Reduces Wheat and Corn Production for 2001/02 and 2002/03 .....	6
Hungary: Drought Reduces Wheat and Corn Production .....	6
Australia: Wheat Production Forecast Decrease .....	6

#### **Key 2001/02 Production Briefs**

Brazil: Record Soybean Acreage Forecasted .....	7
Southern Africa: Lower Corn Production Estimated .....	7

### **TABLES**

Table 1.	U.S. Crop Acreage, Yield, and Production .....	8
Table 2.	World Crop Production Summary .....	9
Tables 3-10.	Grains: Area, Yield, and Production World and Selected Countries and Regions .....	10-17
Tables 11-17.	Oilseeds: Area, Yield, and Production World and Selected Countries and Regions .....	18-24
Table 18.	Cotton: Area, Yield, and Production World and Selected Countries and Regions .....	25
Table 19.	Reliability of Production Projections .....	26

### **MAPS**

Map 1.	World Agricultural Weather Highlights .....	27
Map 2.	June Normal Crop Calendar .....	28
Map 3.	July Normal Crop Calendar .....	29

### **WEATHER BRIEFS**

Canadian Prairies: Cold Weather and Some Dryness Raise Questions for Crop Prospects ...	30
Italy: Heavy Rainfall Should Favor Wheat and Summer Crops Across the Po Valley .....	30
China: Warm Weather and Recent Rainfall Favor Summer Crop Establishment .....	30



## **PRODUCTION BRIEFS**

### **2002/03 Production Briefs**

#### **World: Oilseed Production Forecast to Rise Despite Lower U.S. Output**

World total oilseed production for 2002/03 is forecast at 332 million tons, up 8 million or 2 percent from 2001/02. The United States is expected to go against trend and decline by 1.7 million tons, to 88.2 million. Lower loan rates and changing public farm policies are expected to favor grain crops relative to soybeans. Total foreign output is forecast at 243.4 million tons, up 9.2 million or 4 percent from 2001/02. Expansion of soybean production in South America is expected to contribute to the larger world output as will palm kernel production in Southeast Asia. Sunflowerseed production is expected to rebound from the relatively low levels of 2001/02, while foreign cottonseed output is expected to decline.

#### **China: Wheat Crop Lower Due to Unfavorable Weather**

A combination of drought in the north and excessive rainfall in the south had a negative affect on China's 2002/03 wheat crop. Production is estimated at 94.0 million tons, down 2 million or 2 percent last month and equal to last year's drought-affected crop. China will produce about 87.0 million tons of winter wheat and 7.0 million tons of spring wheat. The estimated yield of 3.76 tons per hectare is below the 5-year average and down 8 percent from the record yield of 4.1 tons per hectare set in 1997/98. The estimated area of 25.0 million hectares is down slightly from last year, based on official National Bureau of Statistics planting intentions.

The winter wheat crop was in generally good condition in April as it approached the heading stage. Early spring drought depleted soil moisture and stressed the crop in the northern part of the North China Plain, but moisture conditions in the southern plains and Yangtze Basin were more favorable. Unusually cool and wet weather dominated eastern China from mid-April through mid-May and caused development delays, pest and disease outbreaks, and quality problems, especially in the Yangtze River Basin and southern plains. In the Yellow River Basin, the May rainfall provided beneficial moisture for the reproducing/filling winter wheat crop but was not enough to erase the drought. Very hot (90 - 101 F.) and dry weather returned to eastern China after May 15. The drier weather favored wheat maturing/harvesting in southern areas but stressed immature wheat in the north. The harvest is now in full swing and will be completed by the end of June.

Spring wheat accounts for about 9-10 percent of total wheat production. Planting and germination benefited from timely rain, but conditions have become unfavorably dry in parts of the Northeast, and more rain is needed to support normal development.

#### **France: Beneficial Growing Conditions Raise EU Wheat Production Estimate**

France's 2002/03 total wheat crop is estimated at 38.5 million tons, up 0.5 million from the May estimate of 38.0 million. Overall EU wheat production is now forecast at 107.5 million tons, up 15.7 million from last year. The increase is due to excellent growing conditions that should translate into higher yields throughout France's wheat growing regions. France is the EU's largest wheat



producer, but growing conditions have also been favorable in other major EU producers: Germany, the United Kingdom, Italy, and Spain. Harvest will begin in late June in southern Europe and continue through August in the north. Wet weather during harvest could create problems for this crop, but growing conditions thus far have been generally excellent.

#### **Romania: Drought Reduces Wheat and Corn Production for 2001/02 and 2002/03**

Romania's 2001/02 wheat crop was revised down by 1.2 million tons or 15 percent to 6.7 million, reflecting recent information gathered from Romanian sources. Romanian wheat production for 2002/03 is estimated at 5.0 million tons, down 0.5 million or 9 percent from last month, and off 1.7 million or 25 percent from last year's newly revised crop estimate.

Romania's 2001/02 corn crop also was revised down, by 1.8 million tons. Last season's poor harvest was the result of severe drought occurring during the 2001/02 summer season (after the wheat harvest), with the most destruction occurring in the southern and south-eastern areas of the country. Romanian corn production for 2002/03 was estimated at 8.0 million tons, down 0.5 million or 6 percent from last month. This month's adjustment to the old crop creates a year-to-year increase of 1.0 million tons for 2002/03.

#### **Hungary: Drought Reduces Wheat and Corn Production**

Hungary's wheat production in 2002/03 is estimated at 4.0 million tons, down 0.5 million or 11 percent from last month and down 23 percent or 1.2 million tons from last season's bumper crop of 5.2 million. The wheat crop grew under a long period of dryness, which has hurt yield prospects. Hungary's wheat harvest averages 4.4 million tons.

Hungary's corn production in 2002/03 is estimated at 6.5 million tons, down 0.5 million or 7 percent from last month, and down 1.1 million from last year's crop. Area is estimated at 1.2 million hectares, unchanged from last month. Yield is forecast lower due to an extended period of dryness.

#### **Australia: Wheat Production Forecast Decrease**

The 2002/03 wheat crop is forecast at 23.0 million tons, down 1.5 million or 6 percent from last month, and down 1.0 million or 4 percent from last year. Forecast area is reduced to 12.3 million hectares, 0.5 million or 4 percent lower than last month and 0.7 million or 5 percent below last year. Wheat growing areas of Queensland, New South Wales, and Victoria, have received significantly below-normal precipitation during April and May. Many growers are waiting for autumn rains to begin planting. The optimal planting window will pass later in June; however, the southern areas can be planted as late as July.



## 2001/02 Production Briefs

### Brazil: Record Soybean Acreage Forecast

Brazil's 2001/02 soybean crop remains unchanged this month and is currently estimated at a record 43.5 million tons. Brazil's official statistics service, IBGE, released new acreage estimates based on April crop surveys, which indicate an even larger expansion of soybean acreage occurred in 2001/02 than previously believed. IBGE reported that soybean acreage increased over 2.4 million hectares this year, with one-third of that total occurring in Mato Grosso alone. Total national soybean area is currently estimated at a record 16.4 million hectares, up 0.5 million from last month, and up 2.4 million or 17 percent from last year's record level.

### Southern Africa – Lower Corn Production Estimated

This month, 2001/02 corn production estimates for several southern African countries were revised downward in response to new information about planted area and the effect of this season's unfavorable weather. Stocks levels are very low and grain prices have risen dramatically in the affected countries. Southern Africa will struggle to provide adequate grain to vulnerable people in the region, including refugees, urban workers, displaced farm workers, and subsistence farmers.

Zimbabwe's 2001/02 corn crop is estimated at just 500,000 tons, down 66 percent from the poor crop a year earlier and the lowest output since 1991/92. Many factors contributed to Zimbabwe's catastrophic harvest this year: seasonal rainfall was down by 75 percent in many crop areas, agricultural inputs (fertilizer, fuel, irrigation water) were very costly or unavailable, high-yielding commercial farmland was taken out of production, and serious economic and political problems disrupted the agricultural sector. Corn production in Zambia is estimated at 620,000 tons in 2001/02, down 23 percent from a year earlier and the smallest crop since 1997/98. Zambia has suffered from severe drought for three consecutive years. Corn production elsewhere in Southern Africa has also suffered in 2001/02 and was revised downward this month. In Malawi, estimated corn production is down year-to-year by 10 percent; Swaziland, down 7 percent; Lesotho, down 40 percent and Botswana down 15 percent.

In contrast, South Africa's 2001/02 corn production increased by 17 percent to an estimated 8.8 million tons due to generally favorable weather and increased area. However, this amount will not be sufficient to meet the corn shortfall in the region.



**TABLE 1**  
**U.S. Crop Acreage, Yield, and Production**

COMMODITY	Planted Area			Harvested Area			Yield			Production		
	Prel.			Prel.			Prel.			Prel.		
	2000/01	2001/02	2002/03 Proj.	2000/01	2001/02	2002/03 Proj.	2000/01	2001/02	2002/03 Proj.	2000/01	2001/02	2002/03 Proj.
	--Million acres--			--Million acres--			--Bushels per acre--			--Million bushels--		
All Wheat	62.6	59.6	59.0	53.1	48.7	47.1	42.0	40.2	40.1	2,232	1,958	1,823
Winter	43.4	41.1	41.1	35.1	31.3	30.2	44.7	43.5	43.1	1,566	1,361	1,238
Other	19.2	18.5	17.9	18.0	17.4	16.9	37.0	34.3	34.6	666	597	585
Soybeans	74.3	74.1	73.5	72.4	73.0	72.2	38.1	39.6	39.7	2,758	2,891	2,870
Corn	79.6	75.8	78.0	72.4	68.8	71.0	136.9	138.2	137.9	9,915	9,507	9,650
Sorghum	9.2	10.3	9.0	7.7	8.6	7.7	60.9	59.9	69.0	471	515	533
Barley	5.9	5.0	5.1	5.2	4.3	4.5	61.1	58.2	62.1	319	250	278
Oats	4.5	4.4	5.1	2.3	1.9	2.5	64.2	61.3	61.2	150	117	155
							--Pounds per acre--			--Million CWT--		
Rice	3.1	3.3	3.3	3.0	3.3	3.3	6,281	6,429	6,299	190.9	213.0	208.0
All Cotton	15.5	15.8	14.8	13.1	13.8	13.4	632	705	640	17.2	20.3	17.8
										--Million 480-pound bales--		



TABLE 2  
World Crop Production Summary

Commodity	World	Total Foreign	North America		Europe		FSU-12	Asia					South America		Selected Other			All Others		
			United States	Canada	Mexico	EU-15		Oth. Europe	W. Europe	Eastern Europe	China	India	Indonesia	Pakistan	Thailand	Argentina	Brazil		Australia	South Africa
---Million metric tons---																				
<u>Wheat</u>																				
	2000/01	584.1	523.3	60.8	26.8	3.4	104.8	0.9	28.7	63.1	99.6	76.4	0.0	21.1	0.0	16.2	1.7	23.8	2.3	18.0
	2001/02 prel.	579.7	526.4	53.3	21.3	3.3	91.7	0.9	35.2	91.3	94.0	68.8	0.0	19.0	0.0	15.5	3.3	24.0	2.5	15.5
	2002/03 proj.																			
	May	595.8	544.4	51.3	24.0	3.2	107.0	0.9	32.6	81.1	96.0	74.0	0.0	19.5	0.0	16.5	3.0	24.5	2.3	18.5
	June	589.8	540.2	49.6	24.0	3.2	107.5	0.9	31.4	80.6	94.0	74.0	0.0	19.5	0.0	16.5	3.3	23.0	2.3	18.5
<u>Coarse Grains</u>																				
	2000/01	858.1	585.0	273.1	24.3	24.5	107.2	1.7	36.0	49.5	114.0	31.6	5.9	1.8	4.9	19.6	42.7	10.8	7.8	10.1
	2001/02 prel.	877.1	615.2	261.9	22.9	27.0	105.7	1.7	51.7	61.8	118.4	30.9	6.0	1.8	4.6	17.0	36.2	11.2	9.2	9.5
	2002/03 proj.																			
	May	905.2	630.7	274.5	29.7	26.7	107.3	1.7	50.7	55.2	128.5	32.0	6.1	1.9	4.2	14.8	39.7	10.5	9.3	10.3
	June	896.2	629.0	267.2	29.7	26.7	107.3	1.7	49.6	55.2	128.4	32.0	6.1	1.9	4.2	14.8	39.7	10.5	9.3	10.3
<u>Rice (Milled)</u>																				
	2000/01	397.7	391.7	5.9	0.0	0.2	1.6	0.0	0.0	0.7	131.5	84.9	32.5	4.7	16.9	0.6	7.1	1.3	0.0	0.2
	2001/02 prel.	397.0	390.2	6.8	0.0	0.2	1.6	0.0	0.0	0.6	126.0	90.0	32.4	3.7	16.5	0.4	7.5	0.9	0.0	0.2
	2002/03 proj.																			
	May	395.5	389.0	6.5																
	June	395.5	389.0	6.5																
<u>Total Grains 1/</u>																				
	2000/01	1,839.9	1,500.0	339.8	51.1	28.1	213.5	2.6	64.7	113.4	345.1	192.9	38.4	27.6	21.8	36.4	51.4	35.9	10.2	28.3
	2001/02 prel.	1,853.8	1,531.9	321.9	44.2	30.4	199.1	2.6	87.0	153.8	338.4	189.7	38.4	24.6	21.1	33.0	46.9	36.1	11.7	25.2
	2002/03 proj.																			
	May	1,896.4	1,564.1	332.3																
	June	1,881.5	1,558.1	323.4																
<u>Oilseeds 2/</u>																				
	1999/00	303.4	221.1	82.3	11.7	0.5	16.7	0.1	6.5	11.0	45.8	22.3	2.3	4.4	0.5	27.8	35.6	3.8	0.9	2.2
	2000/01 prel.	313.5	228.6	84.9	9.9	0.4	14.2	0.1	4.6	11.3	51.1	20.8	2.1	4.1	0.5	31.5	40.8	3.2	1.2	1.9
	2001/02 proj.																			
	May	324.1	234.2	89.9	6.7	0.4	13.8	0.0	5.3	9.2	52.6	24.4	1.9	3.9	0.5	33.6	45.0	2.9	1.2	1.9
	June	323.9	234.0	89.9	6.8	0.4	13.9	0.0	5.3	9.2	52.6	24.1	1.9	3.9	0.5	33.6	45.0	2.9	1.2	1.9
---Million 480 pound bales---																				
<u>Cotton</u>																				
	1999/00	87.5	70.5	17.0	0.0	0.7	2.6	0.0	0.0	7.3	17.6	12.2	0.0	8.6	0.0	0.6	3.2	3.5	0.1	3.6
	2000/01 prel.	88.8	71.6	17.2	0.0	0.4	2.5	0.0	0.0	6.4	20.3	10.9	0.0	8.2	0.0	0.7	4.3	3.7	0.2	3.6
	2001/02 proj.																			
	May	98.0	77.7	20.3	0.0	0.4	2.6	0.0	0.0	7.4	24.4	11.8	0.0	8.2	0.0	0.3	3.6	3.1	0.1	3.9
	June	98.2	77.9	20.3	0.0	0.4	2.6	0.0	0.0	7.4	24.4	11.9	0.1	8.3	0.1	0.3	3.6	3.2	0.1	3.9

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.

Note: Entries of 0.0 indicate no reported or insignificant production.

June 2002

Production Estimates and Crop Assessment Division, FAS, USDA



**TABLE 3**  
**Wheat Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month		From last year	
	2000/01	2001/02	May	June	2000/01	2001/02	May	June	2000/01	2001/02	May	June	MMT	Percent	MMT	Percent
World	219.49	216.29	218.06	217.41	2.66	2.68	2.73	2.71	584.06	579.71	595.75	589.78	-5.97	-1.00	10.07	1.74
United States	21.50	19.69	19.05	19.05	2.83	2.71	2.69	2.60	60.76	53.28	51.32	49.61	-1.72	-3.34	-3.67	-6.89
Total Foreign	197.98	196.60	199.01	198.36	2.64	2.68	2.74	2.72	523.30	526.43	544.43	540.18	-4.25	-0.78	13.75	2.61
Major Exporters																
European Union	48.19	46.92	48.24	47.74	3.56	3.25	3.56	3.58	171.58	152.53	171.96	170.96	-1.00	-0.58	18.43	12.09
France	17.82	16.52	17.94	17.94	5.88	5.55	5.96	5.99	104.78	91.73	106.96	107.46	0.50	0.47	15.73	17.15
United Kingdom	5.27	4.78	5.24	5.24	7.13	6.59	7.25	7.35	37.56	31.50	38.00	38.50	0.50	1.32	7.00	22.22
Germany	2.09	1.64	2.03	2.03	8.01	7.08	8.12	8.12	16.70	11.57	16.50	16.50	0.00	0.00	4.93	42.61
Canada	2.97	2.90	3.03	3.03	7.28	7.89	7.77	7.77	21.62	22.84	23.50	23.50	0.00	0.00	0.66	2.90
	10.96	11.10	10.50	10.50	2.44	1.92	2.29	2.29	26.80	21.30	24.00	24.00	0.00	0.00	2.70	12.68
Australia	13.00	12.50	12.80	12.30	1.83	1.92	1.91	1.87	23.77	24.00	24.50	23.00	-1.50	-6.12	-1.00	-4.17
Argentina	6.41	6.80	7.00	7.00	2.53	2.28	2.36	2.36	16.23	15.50	16.50	16.50	0.00	0.00	1.00	6.45
Major Importers																
China	91.02	93.05	92.85	92.75	2.31	2.61	2.50	2.48	210.14	242.41	232.49	229.59	-2.90	-1.25	-12.82	-5.29
FSU-12	26.65	25.20	25.00	25.00	3.74	3.73	3.84	3.76	99.64	94.00	96.00	94.00	-2.00	-2.08	0.00	0.00
Russia	42.93	45.72	45.94	45.74	1.47	2.00	1.77	1.76	63.12	91.28	81.09	80.59	-0.50	-0.62	-10.70	-11.72
Ukraine	23.20	23.80	23.50	23.50	1.48	1.97	1.74	1.74	34.45	46.90	41.00	41.00	0.00	0.00	-5.90	-12.58
Kazakhstan	5.16	6.90	7.00	6.80	1.98	3.09	2.64	2.65	10.20	21.30	18.50	18.00	-0.50	-2.70	-3.30	-15.49
Baltic States	10.50	10.70	11.00	11.00	0.87	1.19	1.00	1.00	9.10	12.70	11.00	11.00	0.00	0.00	-1.70	-13.39
Eastern Europe	0.60	0.57	0.58	0.58	3.03	2.77	2.75	2.75	1.81	1.59	1.60	1.60	0.00	0.00	0.01	0.50
Poland	9.28	10.13	9.78	9.68	3.09	3.48	3.33	3.24	28.68	35.24	32.56	31.36	-1.20	-3.69	-3.88	-11.02
Iran	2.64	2.63	2.55	2.55	3.23	3.53	3.53	3.53	8.50	9.28	9.00	9.00	0.00	0.00	-0.28	-3.05
Egypt	6.00	6.00	6.20	6.20	1.25	1.25	1.53	1.53	7.50	7.50	9.50	9.50	0.00	0.00	2.00	26.67
Morocco	1.19	1.00	1.01	1.01	5.34	6.22	6.20	6.20	6.35	6.23	6.25	6.25	0.00	0.00	0.02	0.32
Brazil	2.90	2.70	2.50	2.70	0.48	1.23	1.00	1.11	1.38	3.32	2.50	3.00	0.50	20.00	-0.32	-9.53
	1.47	1.73	1.85	1.85	1.13	1.88	1.62	1.78	1.66	3.25	3.00	3.30	0.30	10.00	0.05	1.54
Other Foreign																
India	58.78	56.63	57.91	57.87	2.41	2.32	2.42	2.41	141.57	131.50	139.98	139.63	-0.35	-0.25	8.13	6.18
Turkey	27.49	25.07	26.40	26.40	2.78	2.74	2.80	2.80	76.37	68.76	74.00	74.00	0.00	0.00	5.24	7.62
Pakistan	8.70	8.50	8.60	8.60	2.07	1.82	2.15	2.15	18.00	15.50	18.50	18.50	0.00	0.00	3.00	19.35
Mexico	8.46	8.25	8.30	8.30	2.49	2.31	2.35	2.35	21.08	19.02	19.50	19.50	0.00	0.00	0.48	2.51
Saudi Arabia	0.69	0.69	0.66	0.66	4.93	4.77	4.77	4.77	3.40	3.27	3.15	3.15	0.00	0.00	-0.12	-3.67
Saudi Arabia	0.40	0.40	0.40	0.40	4.50	4.45	4.50	4.50	1.80	1.78	1.80	1.80	0.00	0.00	0.02	1.12
South Africa	0.93	0.96	0.94	0.90	2.51	2.60	2.45	2.56	2.35	2.49	2.30	2.30	0.00	0.00	-0.19	-7.63
Others	12.10	12.77	12.61	12.61	1.53	1.62	1.64	1.62	18.58	20.67	20.73	20.38	-0.35	-1.71	-0.30	-1.43



**TABLE 4**  
**Total Coarse Grain Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month		From last year	
	2000/01	2001/02	May	June	2000/01	2001/02	May	June	2000/01	2001/02	May	June	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	295.23	298.96	302.89	302.75	2.91	2.93	2.99	2.96	858.13	877.08	905.18	896.21	-8.96	-0.99	19.13	2.18
United States	35.62	33.93	35.28	34.88	7.67	7.72	7.78	7.66	273.13	261.86	274.48	267.24	-7.24	-2.64	5.38	2.05
Total Foreign	259.61	265.03	267.61	267.87	2.25	2.32	2.36	2.35	585.00	615.22	630.69	628.97	-1.72	-0.27	13.75	2.23
Major Exporters	47.18	47.26	48.33	48.33	3.74	3.78	3.99	3.99	176.55	178.77	192.80	192.70	-0.10	-0.05	13.94	7.80
Canada	7.18	7.10	8.16	8.16	3.39	3.22	3.64	3.64	24.33	22.89	29.67	29.67	0.00	0.00	6.79	29.65
Argentina	4.07	3.49	3.23	3.23	4.81	4.88	4.58	4.58	19.58	17.05	14.77	14.77	0.00	0.00	-2.28	-13.35
Australia	5.34	5.34	5.02	5.02	2.03	2.11	2.10	2.10	10.85	11.24	10.53	10.53	0.00	0.00	-0.71	-6.32
South Africa	4.11	4.23	4.27	4.27	1.91	2.17	2.19	2.19	7.85	9.19	9.33	9.33	0.00	0.00	0.14	1.56
China	26.49	27.10	27.67	27.67	4.30	4.37	4.64	4.64	113.95	118.41	128.50	128.40	-0.10	-0.08	9.99	8.44
Major Importers	76.24	79.40	79.92	79.82	2.90	3.15	3.05	3.04	221.05	249.87	243.46	242.36	-1.10	-0.45	-7.51	-3.00
FSU-12	31.23	32.83	33.55	33.55	1.59	1.88	1.65	1.65	49.52	61.85	55.19	55.19	0.00	0.00	-6.66	-10.77
Russia	19.60	20.60	21.50	21.50	1.44	1.71	1.44	1.44	28.20	35.15	31.00	31.00	0.00	0.00	-4.15	-11.81
Ukraine	6.45	6.90	7.05	7.05	2.01	2.46	2.21	2.21	12.99	16.97	15.60	15.60	0.00	0.00	-1.37	-8.05
Kazakhstan	1.97	2.07	2.07	2.07	1.05	1.38	1.21	1.21	2.08	2.86	2.50	2.50	0.00	0.00	-0.36	-12.68
Baltic States	1.01	0.92	0.94	0.94	2.20	2.08	2.07	2.07	2.23	1.92	1.94	1.94	0.00	0.00	0.02	1.09
European Union	19.29	19.53	19.27	19.27	5.56	5.41	5.56	5.56	107.19	105.71	107.26	107.26	0.00	0.00	1.54	1.46
Germany	4.05	4.15	3.99	3.99	5.84	6.48	6.34	6.34	23.65	26.87	25.25	25.25	0.00	0.00	-1.62	-6.04
France	3.80	4.05	3.96	3.96	7.49	6.92	7.35	7.35	28.42	28.02	29.13	29.13	0.00	0.00	1.11	3.96
Eastern Europe	14.96	15.60	15.72	15.62	2.40	3.32	3.22	3.17	35.96	51.72	50.66	49.56	-1.10	-2.17	-2.16	-4.18
Poland	6.16	6.18	6.15	6.15	2.24	2.86	2.70	2.70	13.82	17.68	16.58	16.58	0.00	0.00	-1.10	-6.21
Romania	3.32	3.48	3.70	3.60	1.74	2.43	2.68	2.61	5.78	8.46	9.91	9.41	-0.50	-5.05	0.94	11.17
Czech Rep.	0.63	0.65	0.64	0.64	3.50	4.14	4.07	4.07	2.22	2.67	2.60	2.60	0.00	0.00	-0.07	-2.58
Mexico	9.38	10.16	10.07	10.07	2.61	2.66	2.65	2.65	24.46	26.97	26.72	26.72	0.00	0.00	-0.25	-0.92
Other W. Europe	0.37	0.37	0.37	0.37	4.58	4.58	4.58	4.58	1.70	1.70	1.70	1.70	0.00	0.00	0.00	0.00
Other Foreign	136.19	138.37	139.37	139.73	1.38	1.35	1.40	1.39	187.40	186.59	194.43	193.91	-0.52	-0.27	7.32	3.92
Thailand	1.37	1.34	1.31	1.31	3.58	3.43	3.21	3.21	4.90	4.60	4.20	4.20	0.00	0.00	-0.40	-8.70
India	30.30	28.85	29.30	29.30	1.04	1.07	1.09	1.09	31.63	30.93	32.00	32.00	0.00	0.00	1.07	3.45
Brazil	13.67	12.70	13.70	13.70	3.12	2.85	2.90	2.90	42.70	36.16	39.66	39.66	0.00	0.00	3.50	9.67
Turkey	4.58	4.45	4.55	4.55	2.21	2.14	2.27	2.27	10.12	9.52	10.32	10.32	0.00	0.00	0.80	8.41
Indonesia	3.00	3.00	3.05	3.05	1.97	2.00	2.00	2.00	5.90	6.00	6.10	6.10	0.00	0.00	0.10	1.67
Philippines	2.48	2.55	2.55	2.55	1.81	1.77	1.77	1.77	4.51	4.53	4.53	4.53	0.00	0.00	0.00	0.00
Others	80.79	85.47	84.91	85.27	1.08	1.11	1.15	1.14	87.65	94.86	97.63	97.11	-0.52	-0.54	2.25	2.38



**TABLE 5**  
**Corn Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month		From last year	
	2000/01	2001/02	May	June	2000/01	2001/02	May	June	2000/01	2001/02	May	June	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	136.36	135.95	138.40	138.24	4.30	4.32	4.44	4.39	586.09	586.91	614.95	606.50	-8.45	-1.37	19.59	3.34
United States	29.32	27.85	29.16	28.75	8.59	8.67	8.66	8.53	251.85	241.49	252.36	245.12	-7.24	-2.87	3.64	1.51
Total Foreign	107.04	108.10	109.24	109.49	3.12	3.20	3.32	3.30	334.23	345.43	362.59	361.38	-1.21	-0.33	15.95	4.62
Major Exporters																
Argentina	29.10	29.11	29.40	29.40	4.43	4.53	4.76	4.76	128.90	131.80	140.00	140.00	0.00	0.00	8.20	6.22
South Africa	2.82	2.25	2.00	2.00	5.46	5.78	5.50	5.50	15.40	13.00	11.00	11.00	0.00	0.00	-2.00	-15.38
China	3.23	3.36	3.40	3.40	2.33	2.62	2.65	2.65	7.50	8.80	9.00	9.00	0.00	0.00	0.20	2.27
	23.06	23.50	24.00	24.00	4.60	4.68	5.00	5.00	106.00	110.00	120.00	120.00	0.00	0.00	10.00	9.09
Major Importers																
Eastern Europe	20.81	22.01	21.88	21.79	3.86	4.21	4.27	4.24	80.31	92.62	93.42	92.45	-0.97	-1.04	-0.17	-0.18
Romania	6.51	7.01	6.88	6.78	2.62	3.91	4.00	3.91	17.07	27.41	27.53	26.53	-1.00	-3.63	-0.88	-3.20
Serbia	2.86	2.91	2.90	2.80	1.68	2.41	2.93	2.86	4.80	7.00	8.50	8.00	-0.50	-5.88	1.00	14.29
European Union	1.21	1.30	1.30	1.30	2.44	4.77	4.23	4.23	2.94	6.20	5.50	5.50	0.00	0.00	-0.70	-11.29
France	4.20	4.46	4.40	4.40	8.93	8.71	8.95	8.95	37.46	38.81	39.34	39.34	0.00	0.00	0.53	1.37
Italy	1.80	1.89	1.84	1.84	9.04	8.52	8.97	8.97	16.23	16.10	16.50	16.50	0.00	0.00	0.40	2.48
Mexico	1.06	1.10	1.10	1.10	9.53	9.44	9.55	9.55	10.14	10.37	10.50	10.50	0.00	0.00	0.13	1.28
FSU-12	7.15	7.78	7.70	7.70	2.51	2.52	2.47	2.47	17.92	19.60	19.00	19.00	0.00	0.00	-0.60	-3.06
Russia	2.90	2.71	2.86	2.86	2.59	2.39	2.53	2.53	7.52	6.47	7.25	7.25	0.00	0.00	0.78	12.06
Ukraine	0.80	0.70	0.80	0.80	1.94	1.14	1.75	1.75	1.55	0.80	1.40	1.40	0.00	0.00	0.60	75.00
Other W. Europe	1.28	1.15	1.20	1.20	3.01	3.13	3.08	3.08	3.85	3.60	3.70	3.70	0.00	0.00	0.10	2.78
Others	0.03	0.03	0.03	0.03	8.80	8.80	8.80	8.80	0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
	0.03	0.03	0.02	0.03	4.00	4.22	4.25	4.11	0.12	0.11	0.09	0.11	0.03	30.59	-0.00	-2.63
Other Foreign																
Thailand	57.13	56.99	57.97	58.30	2.19	2.12	2.23	2.21	125.02	121.01	129.17	128.93	-0.24	-0.19	7.92	6.54
Brazil	1.21	1.18	1.15	1.15	3.88	3.73	3.48	3.48	4.70	4.40	4.00	4.00	0.00	0.00	-0.40	-9.09
India	12.97	12.00	13.00	13.00	3.20	2.92	2.96	2.96	41.54	35.00	38.50	38.50	0.00	0.00	3.50	10.00
Canada	6.56	6.40	6.55	6.55	1.84	1.80	1.83	1.83	12.07	11.50	12.00	12.00	0.00	0.00	0.50	4.35
Indonesia	1.09	1.23	1.35	1.35	6.27	6.67	7.78	7.78	6.83	8.20	10.50	10.50	0.00	0.00	2.30	28.05
Philippines	3.00	3.00	3.05	3.05	1.97	2.00	2.00	2.00	5.90	6.00	6.10	6.10	0.00	0.00	0.10	1.67
Egypt	2.48	2.55	2.55	2.55	1.81	1.77	1.77	1.77	4.51	4.53	4.53	4.53	0.00	0.00	0.00	0.00
Zimbabwe	0.71	0.77	0.78	0.78	7.99	8.00	8.00	8.00	5.64	6.16	6.20	6.20	0.00	0.00	0.04	0.65
Others	1.22	1.40	1.00	1.25	1.20	0.36	1.00	0.80	1.47	0.50	1.00	1.00	0.00	0.00	0.50	100.00
	27.89	28.46	28.54	28.63	1.52	1.57	1.62	1.61	42.38	44.73	46.35	46.11	-0.24	-0.52	1.38	3.08



**TABLE 6**  
**Barley Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		Prel.		2002/03 Proj.		From last month		From last year	
	2000/01	2001/02	May	June	2000/01	2001/02	May	June	2000/01	2001/02	May	June	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	55.01	57.09	57.59	57.59	2.45	2.47	2.45	2.44	134.73	141.26	141.23	140.68	-0.56	-0.40	-0.58	-0.41
United States	2.11	1.74	1.81	1.81	3.29	3.13	3.34	3.34	6.94	5.43	6.05	6.05	0.00	0.00	0.62	11.39
Total Foreign	52.90	55.35	55.78	55.77	2.42	2.45	2.42	2.41	127.79	135.83	135.18	134.62	-0.56	-0.41	-1.20	-0.88
European Union	10.80	10.78	10.66	10.66	4.78	4.47	4.66	4.66	51.66	48.16	49.74	49.74	0.00	0.00	1.58	3.29
Denmark	0.74	0.74	0.72	0.72	5.37	5.40	5.28	5.28	3.98	3.98	3.80	3.80	0.00	0.00	-0.18	-4.50
France	1.56	1.71	1.67	1.67	6.37	5.73	6.29	6.29	9.95	9.80	10.50	10.50	0.00	0.00	0.70	7.14
Germany	2.07	2.11	2.01	2.01	5.85	6.39	6.17	6.17	12.11	13.50	12.40	12.40	0.00	0.00	-1.10	-8.11
Italy	0.34	0.33	0.35	0.35	3.67	3.37	3.50	3.50	1.26	1.12	1.23	1.23	0.00	0.00	0.11	9.38
Spain	3.31	2.99	3.20	3.20	3.41	2.09	2.81	2.81	11.28	6.25	9.00	9.00	0.00	0.00	2.76	44.12
United Kingdom	1.13	1.25	1.05	1.05	5.75	5.38	5.74	5.74	6.49	6.70	6.00	6.00	0.00	0.00	-0.70	-10.45
FSU-12	15.88	17.19	17.31	17.31	1.58	2.03	1.69	1.69	25.04	34.81	29.18	29.18	0.00	0.00	-5.63	-16.17
Russia	9.20	10.20	10.50	10.50	1.53	1.91	1.52	1.52	14.10	19.50	16.00	16.00	0.00	0.00	-3.50	-17.95
Ukraine	3.69	3.90	4.00	4.00	1.86	2.62	2.25	2.25	6.87	10.20	9.00	9.00	0.00	0.00	-1.20	-11.76
Kazakhstan	1.63	1.70	1.70	1.70	1.03	1.29	1.18	1.18	1.68	2.20	2.00	2.00	0.00	0.00	-0.20	-9.09
Baltic States	0.65	0.60	0.60	0.60	2.25	2.19	2.18	2.18	1.47	1.31	1.31	1.31	0.00	0.00	0.01	0.61
Eastern Europe	2.82	2.97	3.27	3.27	2.64	3.30	2.90	2.87	7.46	9.81	9.49	9.39	-0.10	-1.05	-0.42	-4.26
Poland	1.10	1.07	1.10	1.10	2.54	3.11	3.00	3.00	2.78	3.33	3.30	3.30	0.00	0.00	-0.03	-0.90
Czech Rep.	0.50	0.50	0.50	0.50	3.29	4.04	4.00	4.00	1.63	2.02	2.00	2.00	0.00	0.00	-0.02	-0.89
Romania	0.21	0.32	0.55	0.55	2.68	3.34	1.82	1.82	0.57	1.06	1.00	1.00	0.00	0.00	-0.05	-5.21
Canada	4.55	4.35	5.00	5.00	2.96	2.61	2.90	2.90	13.47	11.35	14.50	14.50	0.00	0.00	3.15	27.75
Other W. Europe	0.23	0.23	0.23	0.23	4.19	4.19	4.19	4.19	0.94	0.94	0.94	0.94	0.00	0.00	0.00	0.00
Norway	0.18	0.18	0.18	0.18	3.53	3.53	3.53	3.53	0.62	0.62	0.62	0.62	0.00	0.00	0.00	0.00
Turkey	3.60	3.50	3.55	3.55	2.06	1.97	2.11	2.11	7.40	6.90	7.50	7.50	0.00	0.00	0.60	8.70
Australia	3.68	3.70	3.30	3.30	1.96	2.03	1.97	1.97	7.20	7.50	6.50	6.50	0.00	0.00	-1.00	-13.33
China	0.79	0.77	0.77	0.77	3.35	3.29	3.27	3.14	2.65	2.54	2.50	2.40	-0.10	-4.00	-0.14	-5.33
Morocco	2.25	2.13	1.85	1.85	0.21	0.54	0.81	0.81	0.47	1.16	1.50	1.50	0.00	0.00	0.35	29.87
India	0.73	0.75	0.75	0.75	2.00	1.90	2.00	2.00	1.45	1.43	1.50	1.50	0.00	0.00	0.07	4.75
Others	6.92	8.38	8.49	8.48	1.24	1.19	1.24	1.20	8.59	9.93	10.52	10.16	-0.36	-3.40	0.23	2.29

June 2002

Production Estimates and Crop Assessment Division, FAS, USDA



**TABLE 7**  
**Oats Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area					Yield					Production					Change in Production			
	Prel.		2002/03 Proj.		2000/01	Prel.		2002/03 Proj.		2000/01	Prel.		2002/03 Proj.		From last month		From last year		
	2000/01	2001/02	May	June		2000/01	2001/02	May	June		2000/01	2001/02	May	June	MMT	Percent	MMT	Percent	
	Million hectares					Metric tons per hectare					Million metric tons					MMT	Percent	MMT	Percent
World	13.91	14.25	14.94	14.94	14.94	1.88	1.90	1.87	1.87	1.87	26.19	27.09	27.89	27.89	27.89	0.00	0.00	0.80	2.95
United States	0.94	0.77	1.02	1.02	1.02	2.30	2.20	2.20	2.20	2.20	2.17	1.70	2.25	2.25	2.25	0.00	0.00	0.55	32.67
Total Foreign	12.96	13.48	13.92	13.92	13.92	1.85	1.88	1.84	1.84	1.84	24.02	25.39	25.64	25.64	25.64	0.00	0.00	0.24	0.96
FSU-12	5.39	5.91	5.96	5.96	5.96	1.39	1.63	1.44	1.44	1.44	7.50	9.63	8.56	8.56	8.56	0.00	0.00	-1.07	-11.09
Russia	4.50	4.90	5.00	5.00	5.00	1.33	1.57	1.40	1.40	1.40	6.00	7.70	7.00	7.00	7.00	0.00	0.00	-0.70	-9.09
Ukraine	0.48	0.60	0.60	0.60	0.60	1.83	1.83	1.67	1.67	1.67	0.88	1.10	1.00	1.00	1.00	0.00	0.00	-0.10	-9.09
Belarus	0.30	0.30	0.25	0.25	0.25	1.73	2.00	1.80	1.80	1.80	0.52	0.60	0.45	0.45	0.45	0.00	0.00	-0.15	-25.00
Baltic States	0.14	0.14	0.15	0.15	0.15	1.96	1.67	1.64	1.64	1.64	0.28	0.24	0.24	0.24	0.24	0.00	0.00	0.00	1.25
Maj. Foreign Exporters	2.33	2.34	2.60	2.60	2.60	2.21	2.00	2.25	2.25	2.25	5.16	4.67	5.86	5.86	5.86	0.00	0.00	1.18	25.29
Canada	1.30	1.28	1.55	1.55	1.55	2.61	2.16	2.58	2.58	2.58	3.39	2.77	4.00	4.00	4.00	0.00	0.00	1.23	44.40
Australia	0.70	0.68	0.70	0.70	0.70	1.62	1.81	1.82	1.82	1.82	1.13	1.23	1.28	1.28	1.28	0.00	0.00	0.05	4.08
Argentina	0.34	0.38	0.35	0.35	0.35	1.92	1.78	1.66	1.66	1.66	0.64	0.68	0.58	0.58	0.58	0.00	0.00	-0.10	-14.45
Other Foreign	5.10	5.09	5.21	5.21	5.21	2.17	2.13	2.11	2.11	2.11	11.08	10.85	10.97	10.97	10.97	0.00	0.00	0.13	1.17
China	0.50	0.50	0.50	0.50	0.50	1.20	1.20	1.20	1.20	1.20	0.60	0.60	0.60	0.60	0.60	0.00	0.00	0.00	0.00
European Union	1.94	1.94	1.98	1.98	1.98	3.52	3.25	3.23	3.23	3.23	6.85	6.30	6.39	6.39	6.39	0.00	0.00	0.09	1.46
France	0.10	0.12	0.12	0.12	0.12	4.46	4.15	4.19	4.19	4.19	0.46	0.49	0.49	0.49	0.49	0.00	0.00	0.00	0.82
Germany	0.24	0.23	0.23	0.23	0.23	4.59	4.94	4.85	4.85	4.85	1.09	1.15	1.12	1.12	1.12	0.00	0.00	-0.04	-3.13
Italy	0.15	0.15	0.15	0.15	0.15	3.00	2.70	3.02	3.02	3.02	0.46	0.40	0.45	0.45	0.45	0.00	0.00	0.05	11.94
Finland	0.40	0.42	0.41	0.41	0.41	3.53	3.09	3.05	3.05	3.05	1.41	1.29	1.25	1.25	1.25	0.00	0.00	-0.04	-2.87
Sweden	0.29	0.27	0.30	0.30	0.30	3.96	3.55	3.50	3.50	3.50	1.15	0.96	1.05	1.05	1.05	0.00	0.00	0.09	9.26
Eastern Europe	1.10	1.06	1.13	1.13	1.13	1.79	2.19	2.07	2.07	2.07	1.97	2.31	2.34	2.34	2.34	0.00	0.00	0.02	0.99
Czech Rep.	0.05	0.05	0.05	0.05	0.05	2.72	3.02	3.10	3.10	3.10	0.14	0.15	0.16	0.16	0.16	0.00	0.00	0.00	2.65
Poland	0.57	0.53	0.60	0.60	0.60	1.89	2.46	2.20	2.20	2.20	1.07	1.31	1.32	1.32	1.32	0.00	0.00	0.02	1.15
Serbia	0.06	0.07	0.07	0.07	0.07	1.52	1.92	1.92	1.92	1.92	0.10	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Norway	0.10	0.10	0.10	0.10	0.10	4.25	4.25	4.25	4.25	4.25	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	0.00
Turkey	0.15	0.15	0.15	0.15	0.15	1.72	1.72	1.72	1.72	1.72	0.25	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Others	1.32	1.35	1.36	1.36	1.36	0.76	0.72	0.73	0.73	0.73	1.00	0.98	0.99	0.99	0.99	0.00	0.00	0.01	1.23



**TABLE 8**  
**Rye Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area					Yield					Production					Change in Production		
	Prel.					Prel.					Prel.					From last month		
	2000/01	2001/02	May	June	2002/03 Proj.	2000/01	2001/02	May	June	2002/03 Proj.	2000/01	2001/02	May	June	2002/03 Proj.	From last month	From last year	
	Million hectares					Metric tons per hectare					Million metric tons					MMT	Percent	MMT Percent
World	9.33	9.51	9.84	9.84	9.84	2.05	2.41	2.17	2.17	2.17	19.14	22.87	21.35	21.35	21.35	0.00	0.00	-1.52 -6.64
United States	0.12	0.10	0.16	0.16	0.16	1.78	1.72	1.72	1.72	1.72	0.21	0.18	0.28	0.28	0.28	0.00	0.00	0.10 57.63
Total Foreign	9.21	9.41	9.67	9.67	9.67	2.05	2.41	2.18	2.18	2.18	18.93	22.70	21.07	21.07	21.07	0.00	0.00	-1.62 -7.14
FSU-12	4.99	5.37	5.77	5.77	5.77	1.59	1.88	1.60	1.60	1.60	7.92	10.08	9.25	9.25	9.25	0.00	0.00	-0.83 -8.19
Russia	3.50	3.60	4.00	4.00	4.00	1.56	1.83	1.50	1.50	1.50	5.45	6.60	6.00	6.00	6.00	0.00	0.00	-0.60 -9.09
Ukraine	0.64	0.90	0.90	0.90	0.90	1.52	2.00	1.78	1.78	1.78	0.97	1.80	1.60	1.60	1.60	0.00	0.00	-0.20 -11.11
Belarus	0.78	0.80	0.80	0.80	0.80	1.86	2.00	2.00	2.00	2.00	1.45	1.60	1.60	1.60	1.60	0.00	0.00	0.00 0.00
Baltic States	0.22	0.18	0.19	0.19	0.19	2.23	2.06	2.06	2.06	2.06	0.48	0.38	0.39	0.39	0.39	0.00	0.00	0.01 2.67
Major Exporter																		
Canada	0.12	0.10	0.11	0.11	0.11	2.26	1.90	2.00	2.00	2.00	0.26	0.19	0.22	0.22	0.22	0.00	0.00	0.03 15.79
Other Foreign	3.89	3.75	3.61	3.61	3.61	2.64	3.21	3.11	3.11	3.11	10.27	12.06	11.22	11.22	11.22	0.00	0.00	-0.84 -6.93
Eastern Europe	2.31	2.19	2.18	2.18	2.18	1.91	2.45	2.40	2.40	2.40	4.41	5.38	5.24	5.24	5.24	0.00	0.00	-0.13 -2.51
Hungary	0.04	0.05	0.05	0.05	0.05	2.00	2.42	2.00	2.00	2.00	0.08	0.12	0.10	0.10	0.10	0.00	0.00	-0.02 -17.36
Poland	2.13	2.00	2.00	2.00	2.00	1.88	2.43	2.40	2.40	2.40	4.00	4.86	4.80	4.80	4.80	0.00	0.00	-0.06 -1.30
Czech Rep.	0.04	0.04	0.04	0.04	0.04	3.41	3.85	3.70	3.70	3.70	0.15	0.15	0.15	0.15	0.15	0.00	0.00	-0.01 -3.90
European Union	1.25	1.25	1.11	1.11	1.11	4.35	5.04	5.02	5.02	5.02	5.41	6.28	5.59	5.59	5.59	0.00	0.00	-0.69 -11.01
Denmark	0.05	0.06	0.05	0.05	0.05	5.14	5.31	5.50	5.50	5.50	0.26	0.33	0.28	0.28	0.28	0.00	0.00	-0.05 -16.41
France	0.03	0.03	0.03	0.03	0.03	4.56	4.10	4.14	4.14	4.14	0.15	0.12	0.12	0.12	0.12	0.00	0.00	0.00 0.84
Germany	0.84	0.84	0.75	0.75	0.75	4.93	6.13	6.00	6.00	6.00	4.15	5.13	4.50	4.50	4.50	0.00	0.00	-0.63 -12.31
Spain	0.11	0.12	0.11	0.11	0.11	1.89	0.93	1.53	1.53	1.53	0.21	0.11	0.17	0.17	0.17	0.00	0.00	0.06 58.88
Austria	0.05	0.05	0.05	0.05	0.05	3.40	4.18	4.00	4.00	4.00	0.18	0.21	0.20	0.20	0.20	0.00	0.00	-0.01 -6.10
Sweden	0.04	0.04	0.02	0.02	0.02	5.34	5.20	5.00	5.00	5.00	0.19	0.18	0.10	0.10	0.10	0.00	0.00	-0.08 -45.05
Turkey	0.18	0.18	0.18	0.18	0.18	1.39	1.39	1.39	1.39	1.39	0.25	0.25	0.25	0.25	0.25	0.00	0.00	0.00 0.00
Others	0.16	0.14	0.13	0.13	0.13	1.24	1.13	1.08	1.08	1.08	0.20	0.15	0.14	0.14	0.14	0.00	0.00	-0.01 -6.54



**TABLE 9**  
**Sorghum Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Million hectares				Metric tons per hectare				Million metric tons				From last month		From last year	
	2000/01	Prel. 2001/02	May 2002/03	June 2002/03 Proj.	2000/01	Prel. 2001/02	May 2002/03	June 2002/03 Proj.	2000/01	Prel. 2001/02	May 2002/03	June 2002/03 Proj.	MMT	Percent	MMT	Percent
World	38.32	40.17	40.24	40.24	1.38	1.41	1.45	1.46	52.74	56.71	58.50	58.55	0.05	0.09	1.84	3.24
United States	3.13	3.47	3.13	3.13	3.82	3.76	4.33	4.33	11.95	13.07	13.54	13.54	0.00	0.00	0.47	3.59
Total Foreign	35.19	36.70	37.11	37.11	1.16	1.19	1.21	1.21	40.79	43.64	44.96	45.01	0.05	0.11	1.37	3.13
India	9.99	9.70	10.00	10.00	0.77	0.77	0.85	0.85	7.72	7.50	8.50	8.50	0.00	0.00	1.00	13.33
China	0.89	0.94	1.00	1.00	2.90	3.13	3.00	3.00	2.58	2.94	3.00	3.00	0.00	0.00	0.06	2.04
Mexico	1.83	1.96	1.95	1.95	3.10	3.32	3.51	3.51	5.67	6.50	6.85	6.85	0.00	0.00	0.35	5.38
Nigeria	6.70	6.75	6.75	6.75	1.13	1.16	1.16	1.16	7.60	7.80	7.80	7.80	0.00	0.00	0.00	0.00
Sudan	4.20	5.85	5.85	5.85	0.60	0.64	0.64	0.64	2.50	3.77	3.77	3.77	0.00	0.00	0.00	0.00
Argentina	0.57	0.54	0.55	0.55	4.78	5.07	4.55	4.55	2.71	2.75	2.50	2.50	0.00	0.00	-0.25	-9.09
Australia	0.82	0.80	0.85	0.85	2.58	2.50	2.59	2.59	2.11	2.00	2.20	2.20	0.00	0.00	0.20	10.00
Ethiopia	1.70	1.65	1.65	1.65	1.06	1.12	1.12	1.12	1.80	1.85	1.85	1.85	0.00	0.00	0.00	0.00
Colombia	0.06	0.06	0.06	0.06	2.83	2.83	2.83	2.83	0.17	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Venezuela	0.26	0.26	0.26	0.26	1.50	1.50	1.50	1.50	0.39	0.39	0.39	0.39	0.00	0.00	0.00	0.00
Egypt	0.16	0.16	0.16	0.16	4.69	4.69	4.69	4.69	0.75	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Yemen	0.40	0.40	0.40	0.40	0.90	0.90	0.90	0.90	0.36	0.36	0.36	0.36	0.00	0.00	0.00	0.00
Tanzania	0.50	0.50	0.50	0.50	0.80	0.80	0.80	0.80	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Niger	1.50	1.50	1.50	1.50	0.27	0.43	0.43	0.43	0.40	0.65	0.65	0.65	0.00	0.00	0.00	0.00
South Africa	0.09	0.08	0.07	0.07	1.99	2.47	2.00	2.00	0.18	0.19	0.14	0.14	0.00	0.00	-0.05	-24.32
Thailand	0.16	0.16	0.16	0.16	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Others	5.37	5.39	5.40	5.40	0.98	1.01	1.00	1.01	5.26	5.43	5.43	5.48	0.05	0.92	0.05	0.96



**TABLE 10**  
**Rice Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area					Yield (Rough)					Production (Milled)					Change in Production			
	Prel.		2001/02 Proj.			Prel.		2001/02 Proj.			Prel.		2001/02 Proj.			From last month		From last year	
	1999/00	2000/01	2000/01	May	June	1999/00	2000/01	2000/01	May	June	1999/00	2000/01	2000/01	May	June	MMT	Percent	MMT	Percent
	Million hectares					Metric tons per hectare					Million metric tons								
World	154.94	151.63	150.31	150.33	150.33	3.93	3.91	3.93	3.93	3.93	408.96	397.68	396.53	397.00	397.00	0.47	0.12	-0.68	-0.17
United States	1.42	1.23	1.34	1.34	1.34	6.58	7.04	7.21	7.21	7.21	6.50	5.94	6.67	6.76	6.76	0.10	1.44	0.82	13.85
Total Foreign	153.52	150.40	148.97	148.99	148.99	3.90	3.88	3.90	3.90	3.90	402.46	391.73	389.86	390.24	390.24	0.38	0.10	-1.50	-0.38
Major Exporters	65.31	64.12	64.15	64.15	64.15	3.05	2.98	3.07	3.07	3.07	132.28	126.95	130.87	130.87	130.87	0.00	0.00	3.93	3.09
Vietnam	7.66	7.49	7.35	7.35	7.35	4.14	4.14	4.26	4.26	4.26	20.93	20.47	20.63	20.63	20.63	0.00	0.00	0.16	0.78
Thailand	9.97	9.92	9.99	9.99	9.99	2.51	2.58	2.50	2.50	2.50	16.50	16.90	16.50	16.50	16.50	0.00	0.00	-0.40	-2.37
India	45.16	44.36	44.79	44.79	44.79	2.98	2.87	3.01	3.01	3.01	89.70	84.87	90.00	90.00	90.00	0.00	0.00	5.13	6.04
Pakistan	2.52	2.35	2.02	2.02	2.02	3.08	3.00	2.78	2.78	2.78	5.16	4.70	3.74	3.74	3.74	0.00	0.00	-0.96	-20.43
Major Importers	22.50	22.04	22.13	22.13	22.13	3.79	3.77	3.82	3.82	3.82	54.64	53.16	54.03	54.03	54.03	0.00	0.00	0.86	1.62
Indonesia	11.65	11.60	11.50	11.50	11.50	4.54	4.44	4.46	4.46	4.46	33.45	32.55	32.42	32.42	32.42	0.00	0.00	-0.13	-0.39
Brazil	3.68	3.25	3.41	3.41	3.41	3.11	3.20	3.23	3.23	3.23	7.77	7.06	7.48	7.48	7.48	0.00	0.00	0.42	5.92
European Union	0.40	0.40	0.39	0.39	0.39	6.79	6.18	6.60	6.60	6.60	1.75	1.57	1.62	1.62	1.62	0.00	0.00	0.05	3.38
Iran	0.45	0.43	0.40	0.40	0.40	4.00	4.00	4.00	4.00	4.00	1.20	1.13	1.07	1.07	1.07	0.00	0.00	-0.07	-5.83
Philippines	4.00	4.03	4.09	4.09	4.09	2.99	3.11	3.25	3.25	3.25	7.77	8.14	8.62	8.62	8.62	0.00	0.00	0.49	5.99
Nigeria	1.66	1.65	1.65	1.65	1.65	2.01	2.02	2.12	2.12	2.12	2.00	2.00	2.10	2.10	2.10	0.00	0.00	0.10	5.00
Other Foreign	65.71	64.23	62.69	62.71	62.71	4.79	4.82	4.78	4.78	4.79	215.54	211.63	204.96	205.34	205.34	0.38	0.18	-6.29	-2.97
China	31.28	29.96	28.20	28.20	28.20	6.34	6.27	6.38	6.38	6.38	138.94	131.54	126.00	126.00	126.00	0.00	0.00	-5.54	-4.21
Burma	6.00	6.00	6.20	6.20	6.20	2.83	3.10	2.90	2.90	2.90	9.86	10.77	10.44	10.44	10.44	0.00	0.00	-0.33	-3.07
Bangladesh	10.71	10.89	11.00	11.00	11.00	3.23	3.46	3.48	3.48	3.48	23.07	25.09	25.50	25.50	25.50	0.00	0.00	0.41	1.65
Japan	1.79	1.77	1.71	1.71	1.71	6.41	6.70	6.64	6.64	6.64	8.35	8.64	8.24	8.24	8.24	0.00	0.00	-0.39	-4.56
South Korea	1.07	1.07	1.08	1.08	1.08	6.63	6.71	6.88	6.88	6.88	5.26	5.29	5.52	5.52	5.52	0.00	0.00	0.22	4.23
Egypt	0.65	0.66	0.56	0.56	0.56	8.91	9.31	9.77	9.77	9.77	3.79	3.97	3.58	3.58	3.58	0.00	0.00	-0.39	-9.84
Taiwan	0.35	0.34	0.34	0.34	0.34	5.43	5.61	5.18	5.18	5.18	1.35	1.34	1.25	1.25	1.25	0.00	0.00	-0.10	-7.23
FSU-12	0.47	0.35	0.31	0.31	0.31	2.92	3.27	3.23	3.23	3.23	0.89	0.74	0.64	0.64	0.64	0.00	0.00	-0.10	-13.26
Russia	0.17	0.17	0.16	0.16	0.16	3.59	3.44	3.21	3.21	3.21	0.39	0.38	0.32	0.32	0.32	0.00	0.00	-0.06	-15.00
Australia	0.13	0.19	0.15	0.15	0.15	8.28	9.47	8.12	8.12	8.12	0.79	1.26	0.89	0.89	0.89	0.00	0.00	-0.37	-28.99
Others	13.26	13.01	13.14	13.14	13.16	2.70	2.72	2.68	2.68	2.73	23.25	23.00	22.91	23.28	23.28	0.38	1.64	0.28	1.23



TABLE 11

# Total Oilseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MMT	Percent	MMT	Percent
World Total 1/ Total Foreign 1/ Copra Palm Kernel	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —
Major Oilseeds 2/ United States 2/	175.06 37.15	174.32 36.81	177.51 37.34	178.13 37.34	1.67 2.22	1.72 2.31	1.76 2.41	1.75 2.41	291.51 82.32	300.61 84.89	311.54 89.86	311.30 89.86	-0.24 0.00	-0.08 0.00	10.69 4.97	3.56 5.85
Foreign Oilseeds 2/ South America	137.91 29.37	137.51 30.46	140.16 33.05	140.79 33.50	1.52 2.32	1.57 2.54	1.58 2.53	1.57 2.49	209.19 68.11	215.72 77.50	221.68 83.54	221.44 83.54	-0.24 0.00	-0.11 0.00	5.72 6.04	2.65 7.80
Brazil	14.51	14.94	16.80	17.25	2.45	2.73	2.68	2.61	35.58	40.79	45.04	45.04	0.00	0.00	4.25	10.41
Argentina	12.58	12.92	13.66	13.66	2.21	2.44	2.46	2.46	27.84	31.53	33.64	33.64	0.00	0.00	2.11	6.69
Paraguay	1.40	1.67	1.63	1.63	2.22	2.22	1.98	1.98	3.10	3.71	3.24	3.24	0.00	0.00	-0.47	-12.69
China	24.03	26.81	28.05	28.05	1.90	1.91	1.87	1.87	45.76	51.14	52.57	52.57	0.00	0.00	1.44	2.81
India	30.37	29.24	30.49	30.56	0.73	0.71	0.80	0.79	22.28	20.83	24.40	24.05	-0.35	-1.43	3.22	15.49
European Union	6.52	5.81	5.82	5.85	2.56	2.44	2.37	2.38	16.68	14.18	13.79	13.92	0.13	0.93	-0.26	-1.81
France	2.26	2.01	1.92	1.92	2.94	2.78	2.47	2.47	6.64	5.59	4.76	4.76	0.00	0.00	-0.83	-14.87
Italy	0.57	0.56	0.52	0.57	2.39	2.38	2.58	2.34	1.36	1.32	1.35	1.32	-0.02	-1.63	0.00	0.15
Germany	1.23	1.11	1.18	1.16	3.55	3.30	3.36	3.62	4.38	3.65	3.97	4.22	0.24	6.14	0.57	15.48
Spain	1.00	0.96	0.98	0.97	0.82	1.06	1.10	1.06	0.82	1.02	1.08	1.03	-0.05	-4.81	0.01	1.08
United Kingdom	0.54	0.40	0.44	0.45	3.23	2.88	2.61	2.57	1.74	1.16	1.15	1.16	0.01	0.78	0.00	0.17
FSU-12	12.44	11.36	10.17	10.17	0.89	0.99	0.90	0.90	11.02	11.29	9.17	9.17	0.00	0.00	-2.12	-18.77
Russia	6.27	5.19	4.42	4.42	0.74	0.85	0.72	0.72	4.62	4.41	3.16	3.16	0.00	0.00	-1.24	-28.20
Ukraine	3.05	3.06	2.56	2.56	0.96	1.19	0.95	0.95	2.91	3.65	2.43	2.43	0.00	0.00	-1.22	-33.37
Uzbekistan	1.50	1.42	1.43	1.43	1.43	1.36	1.47	1.47	2.15	1.92	2.10	2.10	0.00	0.00	0.18	9.37
Turkmenistan	0.48	0.48	0.50	0.50	0.88	0.74	0.70	0.70	0.42	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Canada	6.65	5.95	4.93	4.98	1.76	1.67	1.36	1.36	11.70	9.95	6.71	6.78	0.07	1.09	-3.17	-31.87
Indonesia	1.80	1.50	1.38	1.38	1.29	1.38	1.35	1.36	2.33	2.07	1.87	1.87	0.01	0.38	-0.20	-9.65
Pakistan	3.48	3.45	3.52	3.52	1.26	1.19	1.09	1.09	4.40	4.11	3.86	3.86	0.00	0.00	-0.26	-6.22
Eastern Europe	4.00	3.22	2.94	2.94	1.64	1.43	1.79	1.79	6.54	4.60	5.27	5.27	0.00	0.00	0.67	14.54
Poland	0.55	0.44	0.44	0.44	2.08	2.19	2.48	2.48	1.13	0.96	1.10	1.10	0.00	0.00	0.14	14.70
Romania	1.21	1.02	0.80	0.80	1.31	0.83	1.06	1.06	1.59	0.85	0.85	0.85	0.00	0.00	-0.00	-0.12
Hungary	0.76	0.45	0.47	0.47	1.56	1.60	1.94	1.94	1.19	0.72	0.92	0.92	0.00	0.00	0.20	28.21
Turkey	1.32	1.26	1.29	1.29	1.67	1.49	1.49	1.49	2.21	1.88	1.92	1.92	0.00	0.00	0.05	2.51
Philippines	0.03	0.03	0.03	0.03	1.00	1.00	1.00	1.00	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Mexico	0.33	0.23	0.24	0.24	1.48	1.62	1.68	1.69	0.48	0.37	0.41	0.40	-0.00	-0.74	0.03	8.33
Others	17.58	18.21	18.25	18.28	1.00	0.98	0.99	0.99	17.67	17.79	18.16	18.06	-0.09	-0.51	0.27	1.52

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

June 2002

Production Estimates and Crop Assessment Division, FAS, USDA



**TABLE 12**  
**Soybean Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	71.78	75.27	78.31	78.96	2.23	2.33	2.35	2.33	159.90	175.10	184.13	183.84	-0.29	-0.16	8.74	4.99
United States	29.32	29.30	29.54	29.54	2.46	2.56	2.66	2.66	72.22	75.06	78.67	78.67	0.00	0.00	3.61	4.82
Total Foreign	42.46	45.96	48.77	49.42	2.07	2.18	2.16	2.13	87.68	100.05	105.46	105.17	-0.29	-0.27	5.12	5.12
Major Exporters	23.33	25.68	28.62	29.07	2.50	2.74	2.66	2.62	58.30	70.32	76.10	76.10	0.00	0.00	5.78	8.22
Brazil	13.60	13.93	15.90	16.35	2.51	2.80	2.74	2.66	34.20	39.00	43.50	43.50	0.00	0.00	4.50	11.54
Argentina	8.58	10.40	11.30	11.30	2.47	2.67	2.61	2.61	21.20	27.80	29.50	29.50	0.00	0.00	1.70	6.12
Paraguay	1.15	1.35	1.42	1.42	2.52	2.61	2.18	2.18	2.90	3.52	3.10	3.10	0.00	0.00	-0.42	-11.93
Other Foreign	19.13	20.28	20.14	20.35	1.54	1.47	1.46	1.43	29.38	29.73	29.36	29.07	-0.29	-0.99	-0.66	-2.21
China	8.00	9.20	9.10	9.10	1.79	1.67	1.70	1.70	14.29	15.40	15.45	15.45	0.00	0.00	0.05	0.32
India	5.65	5.80	5.80	6.00	0.92	0.91	0.97	0.90	5.20	5.25	5.60	5.40	-0.20	-3.57	0.15	2.86
Canada	1.00	1.06	1.01	1.03	2.77	2.55	1.58	1.53	2.78	2.70	1.60	1.58	-0.02	-1.25	-1.12	-41.55
Indonesia	1.10	0.83	0.72	0.72	1.18	1.24	1.19	1.19	1.30	1.02	0.86	0.86	0.00	0.00	-0.16	-15.69
Eastern Europe	0.27	0.27	0.22	0.22	2.49	1.17	2.12	2.12	0.67	0.32	0.47	0.47	0.00	0.00	0.15	45.77
European Union	0.37	0.35	0.39	0.39	3.13	3.04	3.14	3.10	1.15	1.05	1.22	1.21	-0.00	-0.08	0.17	15.84
FSU-12	0.48	0.40	0.50	0.50	0.79	1.01	0.80	0.80	0.38	0.41	0.40	0.40	0.00	0.00	-0.01	-1.48
Russia	0.44	0.34	0.45	0.45	0.76	1.01	0.78	0.78	0.33	0.34	0.35	0.35	0.00	0.00	0.01	2.34
Ukraine	0.04	0.06	0.05	0.05	1.07	1.05	1.00	1.00	0.05	0.06	0.05	0.05	0.00	0.00	-0.01	-21.88
Mexico	0.08	0.07	0.08	0.08	1.56	1.47	1.56	1.56	0.12	0.10	0.12	0.12	0.00	0.00	0.02	16.50
Thailand	0.22	0.23	0.23	0.23	1.50	1.43	1.43	1.43	0.33	0.33	0.33	0.33	0.00	0.00	0.00	0.00
North Korea	0.30	0.31	0.31	0.31	1.13	1.13	1.13	1.13	0.34	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Japan	0.11	0.12	0.14	0.14	1.73	1.91	1.88	1.88	0.19	0.24	0.27	0.27	0.00	0.00	0.04	15.32
Bolivia	0.61	0.60	0.64	0.64	2.05	1.72	1.94	1.94	1.24	1.03	1.24	1.24	0.00	0.00	0.21	20.39
South Korea	0.09	0.09	0.08	0.08	1.33	1.31	1.51	1.51	0.12	0.11	0.12	0.12	0.00	0.00	0.01	4.42
Colombia	0.03	0.02	0.03	0.03	2.00	2.70	2.32	2.32	0.05	0.06	0.06	0.06	0.00	0.00	-0.00	-6.45
Others	0.83	0.93	0.90	0.88	1.47	1.45	1.42	1.37	1.23	1.36	1.28	1.21	-0.07	-5.38	-0.14	-10.55



**TABLE 13**  
**Cottonseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MMT	Percent	MMT	Percent
World	31.35	30.97	32.95	32.91	1.05	1.08	1.11	1.12	32.93	33.59	36.70	36.74	0.04	0.11	3.15	9.39
United States	5.43	5.28	5.60	5.60	1.06	1.11	1.21	1.21	5.76	5.84	6.76	6.76	0.00	0.00	0.92	15.81
Total Foreign	25.92	25.69	27.35	27.32	1.05	1.08	1.09	1.10	27.16	27.75	29.94	29.98	0.04	0.14	2.23	8.04
China	3.73	4.06	4.82	4.82	1.85	1.96	1.98	1.98	6.90	7.96	9.56	9.56	0.00	0.00	1.60	20.10
FSU-12	2.49	2.41	2.49	2.49	1.20	1.13	1.23	1.23	2.99	2.73	3.07	3.07	0.00	0.00	0.35	12.77
Uzbekistan	1.50	1.42	1.43	1.43	1.43	1.36	1.47	1.47	2.15	1.92	2.10	2.10	0.00	0.00	0.18	9.37
Turkmenistan	0.48	0.48	0.50	0.50	0.88	0.74	0.70	0.70	0.42	0.35	0.35	0.35	0.00	0.00	0.00	0.00
India	8.79	8.12	8.74	8.71	0.59	0.60	0.57	0.59	5.17	4.90	5.00	5.10	0.10	2.00	0.20	4.08
Pakistan	2.92	2.93	3.13	3.13	1.31	1.22	1.11	1.11	3.82	3.57	3.48	3.48	0.00	0.00	-0.09	-2.41
Brazil	0.75	0.85	0.75	0.75	1.48	1.78	1.69	1.69	1.11	1.52	1.27	1.27	0.00	0.00	-0.25	-16.56
Turkey	0.72	0.65	0.69	0.69	1.75	1.79	1.84	1.84	1.26	1.17	1.27	1.27	0.00	0.00	0.10	8.29
African Franc Zone	2.23	1.96	2.34	2.34	0.63	0.62	0.71	0.73	1.40	1.21	1.65	1.70	0.05	3.27	0.49	40.36
Australia	0.46	0.51	0.42	0.42	2.26	2.10	2.27	2.27	1.05	1.06	0.96	0.96	0.00	0.00	-0.11	-10.08
Egypt	0.27	0.22	0.32	0.32	1.37	1.37	1.60	1.60	0.38	0.31	0.50	0.50	0.00	0.00	0.20	64.38
Argentina	0.30	0.38	0.16	0.16	0.73	0.75	0.67	0.67	0.22	0.29	0.11	0.11	0.00	0.00	-0.18	-61.40
Paraguay	0.20	0.30	0.18	0.18	0.62	0.52	0.53	0.53	0.12	0.16	0.10	0.10	0.00	0.00	-0.06	-38.71
Greece	0.43	0.41	0.41	0.41	1.56	1.57	1.73	1.62	0.67	0.65	0.71	0.66	-0.05	-6.62	0.02	2.79
Syria	0.24	0.27	0.26	0.26	2.62	2.74	2.71	2.71	0.64	0.74	0.71	0.71	0.00	0.00	-0.03	-4.60
Mexico	0.15	0.08	0.09	0.08	1.51	1.65	1.76	1.79	0.23	0.13	0.15	0.15	-0.00	-2.00	0.01	9.70
Iran	0.21	0.26	0.20	0.20	0.90	0.83	0.84	0.84	0.19	0.22	0.17	0.17	0.00	0.00	-0.05	-21.86
Sudan	0.23	0.24	0.15	0.15	0.55	0.74	1.03	1.03	0.12	0.17	0.15	0.15	0.00	0.00	-0.02	-11.49
Others	1.80	2.05	2.22	2.21	0.50	0.47	0.49	0.46	0.90	0.97	1.08	1.02	-0.06	-5.73	0.05	5.05



**TABLE 14**  
**Peanut Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	21.47	22.64	22.60	22.65	1.35	1.38	1.48	1.47	28.99	31.18	33.48	33.23	-0.24	-0.73	2.05	6.56
United States	0.58	0.54	0.57	0.57	2.99	2.74	3.40	3.40	1.74	1.48	1.94	1.94	0.00	0.00	0.46	30.99
Total Foreign	20.89	22.10	22.03	22.07	1.30	1.34	1.43	1.42	27.25	29.70	31.54	31.29	-0.25	-0.78	1.59	5.35
China	4.27	4.86	4.90	4.90	2.96	2.97	2.95	2.95	12.64	14.44	14.47	14.47	0.00	0.00	0.03	0.21
India	8.00	8.10	8.20	8.20	0.69	0.70	0.95	0.93	5.50	5.70	7.80	7.60	-0.20	-2.56	1.90	33.33
Indonesia	0.68	0.65	0.64	0.64	1.50	1.60	1.56	1.56	1.02	1.04	0.99	0.99	0.00	0.00	-0.05	-4.81
Senegal	0.62	1.03	0.92	0.92	1.23	0.97	0.98	0.98	0.76	1.00	0.90	0.90	0.00	0.00	-0.10	-9.97
Burma	0.49	0.53	0.53	0.53	1.15	1.21	1.21	1.21	0.56	0.64	0.64	0.64	0.00	0.00	0.00	0.00
Sudan	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Zaire	0.51	0.49	0.49	0.49	0.78	0.78	0.78	0.78	0.40	0.38	0.38	0.38	0.00	0.00	0.00	0.00
Argentina	0.22	0.25	0.22	0.22	1.93	1.57	1.51	1.51	0.42	0.40	0.33	0.33	0.00	0.00	-0.07	-16.46
Nigeria	1.20	1.21	1.22	1.22	1.21	1.21	1.22	1.22	1.45	1.47	1.49	1.49	0.00	0.00	0.02	1.36
Vietnam	0.25	0.24	0.27	0.27	1.28	1.45	1.31	1.31	0.32	0.35	0.35	0.35	0.00	0.00	0.00	0.00
South Africa	0.08	0.17	0.09	0.09	1.99	1.58	1.86	1.86	0.17	0.26	0.18	0.18	0.00	0.00	-0.09	-32.69
Thailand	0.09	0.09	0.09	0.09	1.59	1.50	1.50	1.50	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Burkina Faso	0.22	0.22	0.22	0.22	0.95	0.95	0.95	0.95	0.21	0.21	0.21	0.21	0.00	0.00	0.00	0.00
Brazil	0.10	0.10	0.10	0.10	1.65	1.92	2.01	2.01	0.17	0.20	0.20	0.20	0.00	0.00	-0.00	-0.51
Central African Rep.	0.10	0.10	0.10	0.10	1.10	1.16	1.22	1.22	0.11	0.12	0.12	0.12	0.00	0.00	0.01	5.17
Cameroon	0.32	0.32	0.32	0.32	0.30	0.30	0.31	0.31	0.10	0.10	0.10	0.10	0.00	0.00	0.01	5.26
Cote d'Ivoire	0.15	0.15	0.15	0.15	0.99	1.00	1.00	1.00	0.14	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Mexico	0.09	0.08	0.08	0.08	1.38	1.72	1.73	1.73	0.13	0.13	0.14	0.14	0.00	0.00	0.00	0.75
Gambia	0.11	0.11	0.11	0.11	1.14	1.14	1.14	1.14	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Others	2.85	2.86	2.85	2.89	0.89	0.87	0.87	0.84	2.53	2.50	2.47	2.43	-0.05	-1.82	-0.07	-2.92



**TABLE 15**  
**Sunflowerseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MMT	Percent	MMT	Percent
World	23.56	20.33	19.17	19.19	1.16	1.14	1.11	1.11	27.22	23.22	21.37	21.33	-0.04	-0.19	-1.89	-8.14
United States	1.39	1.07	1.04	1.04	1.41	1.50	1.51	1.51	1.97	1.61	1.58	1.58	0.00	0.00	-0.03	-1.80
Total Foreign	22.17	19.26	18.13	18.14	1.14	1.12	1.09	1.09	25.25	21.62	19.80	19.75	-0.04	-0.21	-1.86	-8.61
FSU-12	8.80	7.95	6.68	6.68	0.83	0.98	0.80	0.80	7.26	7.76	5.34	5.34	0.00	0.00	-2.42	-31.18
Russia	5.59	4.63	3.80	3.80	0.74	0.85	0.71	0.71	4.15	3.92	2.70	2.70	0.00	0.00	-1.22	-31.03
Ukraine	2.78	2.84	2.40	2.40	0.98	1.22	0.94	0.94	2.72	3.46	2.25	2.25	0.00	0.00	-1.21	-34.91
Argentina	3.48	1.89	1.98	1.98	1.73	1.62	1.87	1.87	6.00	3.05	3.70	3.70	0.00	0.00	0.65	21.31
European Union	2.04	1.92	1.91	1.93	1.58	1.73	1.62	1.56	3.21	3.31	3.10	3.01	-0.09	-2.81	-0.30	-9.06
France	0.82	0.71	0.71	0.71	2.35	2.55	2.23	2.23	1.92	1.81	1.58	1.58	0.00	0.00	-0.23	-12.91
Spain	0.84	0.84	0.86	0.85	0.69	1.02	1.04	1.02	0.58	0.85	0.89	0.87	-0.02	-2.46	0.02	2.71
Italy	0.26	0.26	0.23	0.26	2.00	1.83	1.96	1.52	0.52	0.48	0.45	0.40	-0.05	-11.56	-0.08	-17.08
Eastern Europe	2.46	1.89	1.66	1.66	1.31	1.10	1.33	1.33	3.21	2.08	2.21	2.21	0.00	0.00	0.12	5.91
Hungary	0.53	0.30	0.34	0.34	1.50	1.67	1.96	1.96	0.80	0.50	0.66	0.66	0.00	0.00	0.16	32.20
Romania	1.05	0.86	0.70	0.70	1.24	0.82	1.00	1.00	1.30	0.70	0.70	0.70	0.00	0.00	0.00	0.00
Serbia	0.18	0.15	0.17	0.17	1.48	1.48	1.65	1.65	0.27	0.22	0.28	0.28	0.00	0.00	0.06	29.63
Bulgaria	0.52	0.45	0.33	0.33	1.10	0.93	0.94	0.94	0.57	0.42	0.31	0.31	0.00	0.00	-0.11	-26.19
Czech Rep.	0.03	0.03	0.03	0.03	2.25	2.10	2.17	2.17	0.06	0.07	0.07	0.07	0.00	0.00	0.00	0.00
China	1.14	1.20	1.18	1.18	1.58	1.63	1.50	1.50	1.80	1.95	1.77	1.77	0.00	0.00	-0.18	-9.42
India	2.30	2.20	2.40	2.40	0.57	0.57	0.58	0.60	1.30	1.25	1.40	1.45	0.05	3.57	0.20	16.00
Turkey	0.54	0.54	0.55	0.55	1.48	1.06	0.95	0.95	0.80	0.58	0.52	0.52	0.00	0.00	-0.06	-9.57
South Africa	0.40	0.52	0.65	0.65	1.38	1.22	1.24	1.24	0.55	0.64	0.80	0.80	0.00	0.00	0.17	25.98
Australia	0.12	0.07	0.11	0.11	1.23	1.01	1.10	1.10	0.15	0.07	0.12	0.12	0.00	0.00	0.05	64.29
Burma	0.23	0.44	0.44	0.44	0.84	0.61	0.61	0.61	0.19	0.27	0.27	0.27	0.00	0.00	0.00	0.00
Others	0.68	0.65	0.58	0.58	1.15	1.02	1.00	1.00	0.78	0.66	0.58	0.58	-0.00	-0.69	-0.09	-13.01



**TABLE 16**  
**Rapeseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	26.90	25.11	24.48	24.42	1.58	1.49	1.47	1.48	42.47	37.52	35.86	36.16	0.30	0.83	-1.36	-3.63
United States	0.42	0.61	0.59	0.59	1.46	1.50	1.54	1.54	0.62	0.91	0.91	0.91	0.00	0.00	-0.00	-0.11
Total Foreign	26.48	24.50	23.89	23.83	1.58	1.49	1.46	1.48	41.85	36.61	34.95	35.25	0.30	0.85	-1.36	-3.72
India	5.64	5.02	5.35	5.25	0.91	0.74	0.86	0.86	5.11	3.73	4.60	4.50	-0.10	-2.17	0.78	20.81
China	6.90	7.49	8.05	8.05	1.47	1.52	1.41	1.41	10.13	11.38	11.32	11.32	0.00	0.00	-0.06	-0.54
Canada	5.56	4.82	3.85	3.89	1.58	1.48	1.30	1.31	8.80	7.13	5.00	5.10	0.10	2.00	-2.03	-28.43
European Union	3.57	3.04	3.02	3.03	3.21	2.98	2.86	2.95	11.48	9.06	8.62	8.92	0.30	3.43	-0.14	-1.56
France	1.34	1.23	1.10	1.10	3.32	2.91	2.64	2.64	4.45	3.57	2.89	2.89	0.00	0.00	-0.68	-19.08
Germany	1.20	1.08	1.15	1.14	3.58	3.33	3.39	3.66	4.29	3.59	3.90	4.16	0.26	6.67	0.57	16.04
United Kingdom	0.54	0.40	0.44	0.45	3.23	2.88	2.61	2.57	1.74	1.16	1.15	1.16	0.01	0.78	0.00	0.17
Denmark	0.15	0.10	0.08	0.08	2.70	2.95	2.68	2.68	0.41	0.29	0.22	0.22	0.00	0.00	-0.08	-25.68
Sweden	0.08	0.05	0.04	0.04	2.13	2.56	2.55	2.55	0.16	0.12	0.11	0.11	0.00	0.00	-0.00	-2.61
Eastern Europe	1.27	1.06	1.06	1.06	2.09	2.08	2.46	2.46	2.65	2.20	2.60	2.60	0.00	0.00	0.40	18.19
Poland	0.55	0.44	0.44	0.44	2.08	2.19	2.48	2.48	1.13	0.96	1.10	1.10	0.00	0.00	0.14	14.70
Czech Rep.	0.33	0.34	0.34	0.34	2.63	2.52	2.88	2.88	0.85	0.84	0.98	0.98	0.00	0.00	0.14	16.11
Australia	1.91	1.56	1.20	1.20	1.29	1.22	1.42	1.42	2.46	1.91	1.70	1.70	0.00	0.00	-0.20	-10.76
FSU-12	0.67	0.60	0.50	0.50	0.58	0.67	0.72	0.72	0.39	0.40	0.36	0.36	0.00	0.00	-0.04	-10.30
Russia	0.25	0.22	0.17	0.17	0.55	0.67	0.66	0.66	0.14	0.15	0.11	0.11	0.00	0.00	-0.04	-23.65
Pakistan	0.33	0.33	0.27	0.27	0.85	0.91	0.85	0.85	0.28	0.30	0.23	0.23	0.00	0.00	-0.07	-22.22
Bangladesh	0.34	0.33	0.35	0.35	0.74	0.76	0.75	0.75	0.25	0.25	0.26	0.26	0.00	0.00	0.01	4.42
Others	0.28	0.25	0.24	0.24	1.05	1.08	1.09	1.09	0.29	0.27	0.27	0.27	0.00	0.00	-0.01	-2.55



**TABLE 17**  
**Copra, Palm Kernel, and Palm Oil Production**  
**World and Selected Countries and Regions**

Country/Region	Production				Change in Production			
	1999/00	Prel. 2000/01	2001/02 Proj. May	June	From last month		From last year	
	Million metric tons				MMT	Percent	MMT	Percent
<b>COPRA</b>								
World	5.46	5.90	5.23	5.26	0.03	0.48	-0.64	-10.93
Philippines	2.35	2.80	2.15	2.15	0.00	0.00	-0.65	-23.21
Indonesia	1.32	1.36	1.36	1.36	0.00	0.00	0.00	0.00
India	0.73	0.73	0.70	0.73	0.03	3.57	0.00	0.00
Mexico	0.19	0.16	0.17	0.17	0.00	0.00	0.01	3.13
Sri Lanka	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00
Vietnam	0.24	0.24	0.24	0.24	0.00	0.00	0.00	0.00
Malaysia	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Others	0.56	0.55	0.55	0.55	0.00	0.00	0.00	0.00
<b>PALM KERNEL</b>								
World	6.41	6.94	7.32	7.31	-0.00	-0.01	0.38	5.40
Malaysia	3.08	3.41	3.46	3.46	0.00	0.00	0.05	1.41
Indonesia	2.12	2.32	2.59	2.59	0.00	0.00	0.27	11.64
Nigeria	0.35	0.32	0.35	0.35	0.00	0.00	0.03	9.38
Cote d'Ivoire	0.06	0.05	0.06	0.06	0.00	0.00	0.00	9.62
Colombia	0.11	0.12	0.13	0.13	0.00	0.00	0.01	7.44
Thailand	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Zaire	0.04	0.04	0.05	0.05	0.00	0.00	0.00	7.14
Ecuador	0.04	0.04	0.05	0.05	0.00	0.00	0.01	21.43
Others	0.47	0.49	0.49	0.49	-0.00	-0.20	0.00	0.21
<b>PALM OIL</b>								
World	21.80	24.07	25.08	25.08	-0.00	-0.02	1.01	4.19
Malaysia	10.49	11.94	11.90	11.90	0.00	0.00	-0.04	-0.31
Indonesia	7.20	7.90	8.80	8.80	0.00	0.00	0.90	11.39
Nigeria	0.76	0.73	0.76	0.76	0.00	0.00	0.03	4.11
Cote d'Ivoire	0.28	0.25	0.27	0.27	0.00	0.00	0.02	8.87
Colombia	0.52	0.56	0.58	0.58	0.00	0.00	0.01	2.68
Thailand	0.71	0.72	0.72	0.72	0.00	0.00	0.00	0.00
Zaire	0.15	0.16	0.16	0.16	0.00	0.00	0.00	1.29
Ecuador	0.24	0.25	0.30	0.30	0.00	0.00	0.06	22.45
Others	1.45	1.57	1.60	1.60	-0.00	-0.31	0.02	1.33

June 2002

Production Estimates and Crop Assessment Division, FAS, USDA



TABLE 18

# Cotton Area, Yield, and Production

## World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change In Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	May	June	1999/00	2000/01	May	June	1999/00	2000/01	May	June	MBales	Percent	MBales	Percent
									Million 480 lb. bales							
World	32.34	31.95	33.99	33.91	589	605	628	630	87.46	88.80	97.95	98.16	0.21	0.21	9.36	10.55
United States	5.43	5.28	5.60	5.60	680	708	790	790	16.97	17.19	20.30	20.30	0.00	0.00	3.12	18.12
Total Foreign	26.91	26.67	28.39	28.32	570	585	596	599	70.50	71.61	77.65	77.86	0.21	0.27	6.25	8.73
Major Exporters																
China	14.39	14.59	15.55	15.51	756	779	804	808	49.93	52.21	57.41	57.55	0.14	0.24	5.34	10.22
Pakistan	3.73	4.06	4.82	4.82	1,028	1,089	1,102	1,102	17.60	20.30	24.40	24.40	0.00	0.00	4.10	20.20
Sudan	2.92	2.93	3.13	3.13	642	610	570	577	8.60	8.20	8.20	8.30	0.10	1.22	0.10	1.22
Turkey	0.23	0.24	0.15	0.15	232	315	435	435	0.24	0.34	0.30	0.30	0.00	0.00	-0.04	-11.76
Turkey	0.72	0.65	0.69	0.69	1,100	1,198	1,234	1,234	3.63	3.60	3.90	3.90	0.00	0.00	0.30	8.33
FSU-12	2.49	2.41	2.49	2.49	638	582	645	645	7.30	6.44	7.39	7.39	0.00	0.00	0.95	14.76
Uzbekistan	1.50	1.42	1.43	1.43	752	677	746	746	5.18	4.40	4.90	4.90	0.00	0.00	0.50	11.36
Turkmenistan	0.48	0.48	0.50	0.50	481	401	392	392	1.05	0.88	0.90	0.90	0.00	0.00	0.02	2.86
Other	0.52	0.52	0.56	0.56	452	489	614	614	1.07	1.16	1.59	1.59	0.00	0.00	0.42	36.64
Egypt	0.27	0.22	0.32	0.32	841	898	985	985	1.06	0.92	1.43	1.43	0.00	0.00	0.51	54.89
African Franc Zone	2.33	2.05	2.44	2.44	363	342	407	407	3.88	3.22	4.57	4.57	0.00	0.00	1.35	41.93
Southern Hemisphere	1.71	2.04	1.51	1.47	969	983	1,040	1,077	7.62	9.20	7.23	7.27	0.04	0.55	-1.93	-20.95
Argentina	0.30	0.38	0.16	0.15	417	421	374	363	0.57	0.74	0.28	0.25	-0.03	-10.71	-0.49	-65.99
Australla	0.46	0.51	0.42	0.42	1,623	1,595	1,607	1,659	3.46	3.70	3.10	3.20	0.10	3.23	-0.50	-13.51
Brazil	0.75	0.85	0.75	0.75	931	1,101	1,045	1,045	3.22	4.31	3.60	3.60	0.00	0.00	-0.71	-16.51
Paraguay	0.20	0.30	0.18	0.15	410	327	302	319	0.37	0.45	0.25	0.22	-0.03	-12.00	-0.23	-51.11
Major Importers																
Major Importers	0.59	0.56	0.56	0.59	994	1,001	1,041	1,015	2.70	2.56	2.69	2.75	0.06	2.19	0.19	7.59
Other Foreign	11.93	11.52	12.28	12.22	326	318	311	313	17.87	16.84	17.55	17.56	0.01	0.06	0.72	4.26
India	8.79	8.12	8.74	8.71	302	293	294	297	12.18	10.93	11.80	11.87	0.07	0.58	0.94	8.57
Others	3.14	3.40	3.54	3.51	395	378	354	353	5.69	5.91	5.75	5.69	-0.06	-1.01	-0.22	-3.72



TABLE 19

The table below presents a 21-year record of the differences between the June projection and the final estimate. Using world wheat production as an example, changes between the June projection and the final estimate have averaged 15.5 million tons (2.9 percent) and ranged from -32.2 to 29.6 million tons. The June projection has been below the final 13 times and above the final 8 times.

### RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 2000/02 1/					
	Difference		Lowest	Highest	Below Final	Above Final
	Average	Average	Difference			
	Percent	---Million metric tons---			Number of years 2/	
<b>WHEAT</b>						
World	2.9	15.5	-32.2	29.6	13	8
U.S.	4.4	2.7	-7.4	8.4	12	9
Foreign	3.0	14.1	-26.2	28.1	12	9
<b>COARSE GRAINS 3/</b>						
World	2.9	22.8	-31.4	76.0	8	13
U.S.	10.2	20.4	-35.9	70.3	10	11
Foreign	2.2	12.6	-29.9	39.5	7	14
<b>RICE (Milled)</b>						
World	2.3	7.7	-21.8	11.4	16	5
U.S.	6.3	0.3	-1.1	0.5	12	9
Foreign	2.3	7.6	-21.9	11.2	15	6
<b>SOYBEANS</b>						
World	NA	NA	NA	NA	NA	NA
U.S.	7.6	4.3	-11.3	12.0	10	11
Foreign	NA	NA	NA	NA	NA	NA
			---Million 480-lb. bales---			
<b>COTTON</b>						
World	4.4	3.7	-13.9	11.4	13	7
U.S.	9.1	1.4	-2.8	3.1	9	12
Foreign	4.5	3.1	-12.4	10.5	12	9
<b>UNITED STATES</b>			-----Million bushels-----			
<b>CORN</b>	12.6	850	-3327	2,379	10	11
<b>SORGHUM</b>	14.7	100	-228	171	10	11
<b>BARLEY</b>	9.5	36	-73	206	7	14
<b>OATS</b>	16.4	44	-77	231	5	16

1/ The final estimate for 1981/82-2000/01 is defined as the first November estimate following the marketing year.

2/ May not total 21 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

June 2002

Production Estimates and Crop Assessment Division, FAS, USDA



# WORLD AGRICULTURAL WEATHER HIGHLIGHTS

## 1 - UNITED STATES

Late-May and early-June warmth aided the emergence and development of corn, soybeans, and spring-sown small grains across the northern Plains and upper Midwest, following a 5-week cool spell. Meanwhile, early-season heat in the Southwest strained drought-reduced irrigation reserves. Heat reached the central and southern High Plains by the end of May, promoting winter wheat maturation but increasing stress on dryland summer crops. Just to the east, areas from the southeastern Plains to the Ohio Valley suffered through repeated rounds of heavy rain. In the Corn Belt, significant spring planting delays were noted from Missouri to Ohio. Meanwhile in the Northeast, widespread rainfall further eased long-term drought, but showers were more widely scattered in the southern Atlantic region, which continued to experience the effects of a 4-year drought. Unfavorable dryness also persisted from southern Texas to the southern Delta. Farther north, Montana's drought-stricken pastures and small grains received beneficial precipitation during May, although windy conditions and lingering long-term drought limited crop recovery.

## 2 - CANADA

In early June, locally heavy rainfall, and somewhat warmer weather, improved early growth prospects of Prairie spring grains and oilseeds. In eastern Canada, conditions favored emerging corn and soybeans, although cool, showery weather raised some concerns about the potential for disease development in reproductive winter wheat.

## 3 - SOUTH AMERICA

During May, drier weather promoted summer crop harvesting in central and northern Argentina, following April's excessive wetness. Locally heavy rain in Brazil's center-south region boosted soil moisture for wheat germination and establishment. In early June, conditions favored winter wheat planting throughout the region and, in Brazil, harvesting of crops such as coffee and citrus.

## 4 - EUROPE

In May, near- to above-normal rainfall across England, France, Germany, and most of Poland boosted moisture supplies for winter grain and summer crop development. In southeastern Europe, below-normal May rainfall and warm weather continued to reduce already low moisture reserves. However, late-May and early-June rain in this region increased moisture supplies for early summer crop development, but arrived too late to improve prospects for drought-stressed winter grains. Above-normal rain slowed fieldwork in northern Italy. Below-normal rainfall and seasonable temperatures aided crop development in southern Spain.

June 12, 2002



USDA/OCE - World Agricultural Outlook Board  
Joint Agricultural Weather Facility

*(More details are available in the Weekly Weather and Crop Bulletin. Subscription information may be obtained by calling (202) 720-7917.)*

## 8 - SOUTH ASIA

In May, near- to above-normal rainfall promoted early field preparations in nearly all Indian summer crop areas. The monsoon arrived on schedule, allowing growers to begin planting in the south.

## 9 - EASTERN ASIA

Across the North China Plain, a period of excessive wetness ended in mid May, bringing some relief to maturing winter wheat and fostering summer crop planting. A heat wave from late May to early June aided winter wheat dry down but likely stressed emerging summer crops. In early June, soaking rain brought relief to summer crops from the North China Plain to Manchuria, but threatened the quality of unharvested winter wheat. Across southern China, conditions were generally favorable for rice cultivation, with periodic warmth and dryness supporting early double crop rice harvesting.

## 10 - SOUTHEAST ASIA

In May, most of Indochina received near- to above-normal rainfall, increasing moisture supplies for upcoming rice planting, but slowing harvest activities. Near- to above-normal rainfall slowed planting but boosted moisture supplies in the Philippines. Generally dry weather in Java, Indonesia allowed main-season rice harvesting to proceed normally, while above-normal rainfall increased moisture supplies for oil palm in Sumatra and peninsular Malaysia.

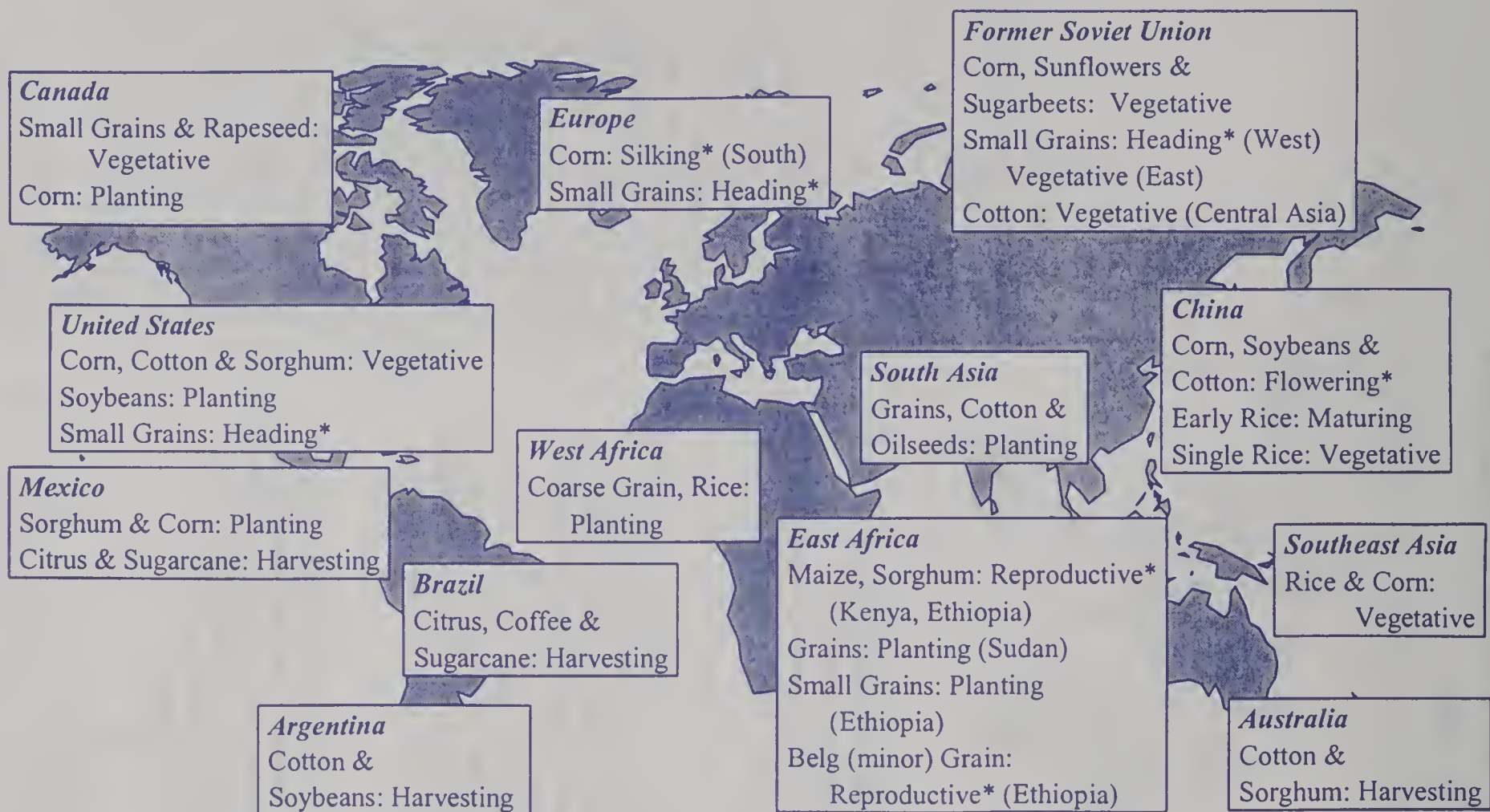
## 11 - AUSTRALIA

During May, a lack of topsoil moisture in many areas delayed winter grain planting and limited early crop development. However, the dryness favored summer crop harvesting in the east.

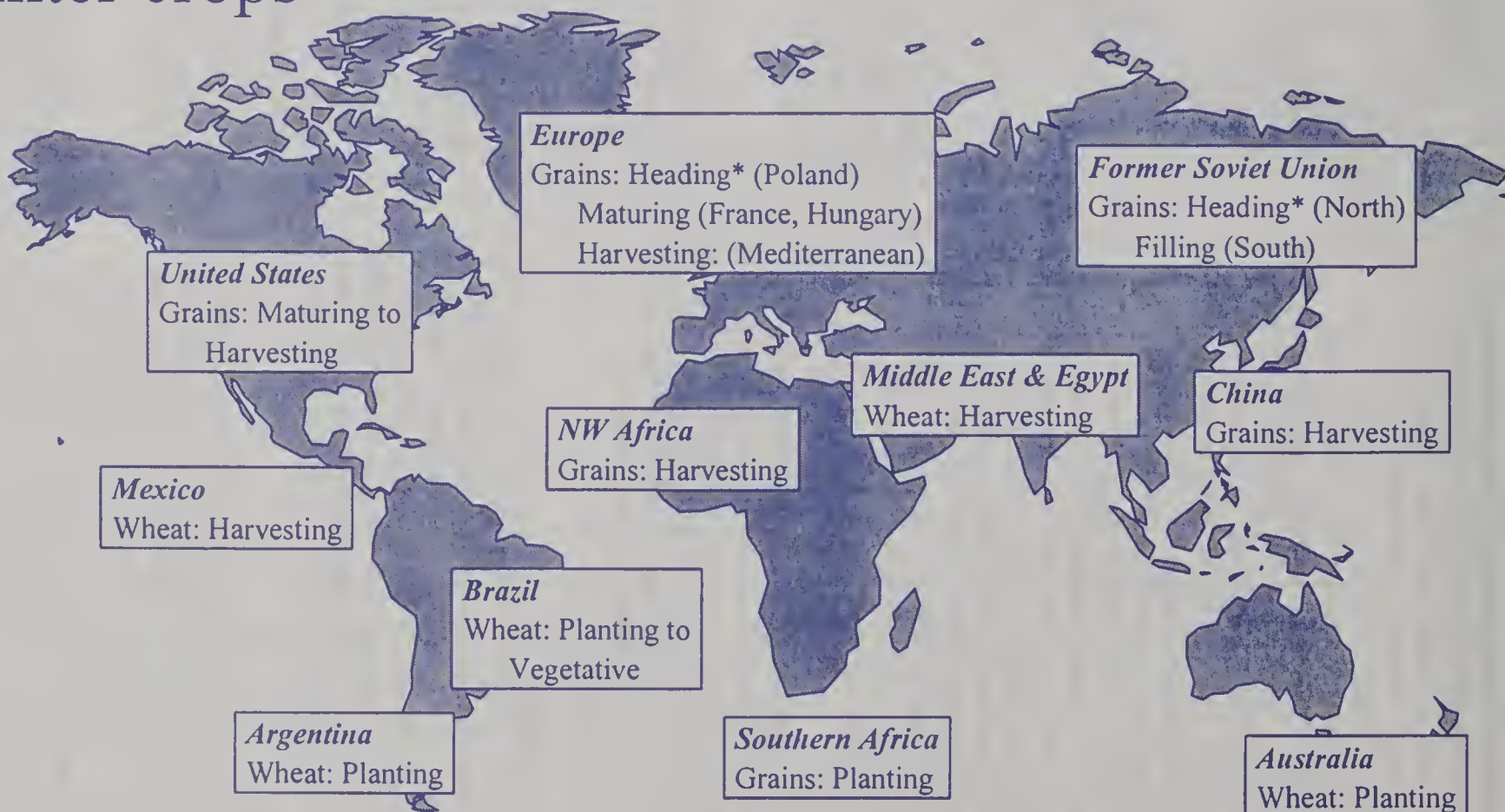


# June Normal Crop Calendar

## Summer crops



## Winter crops

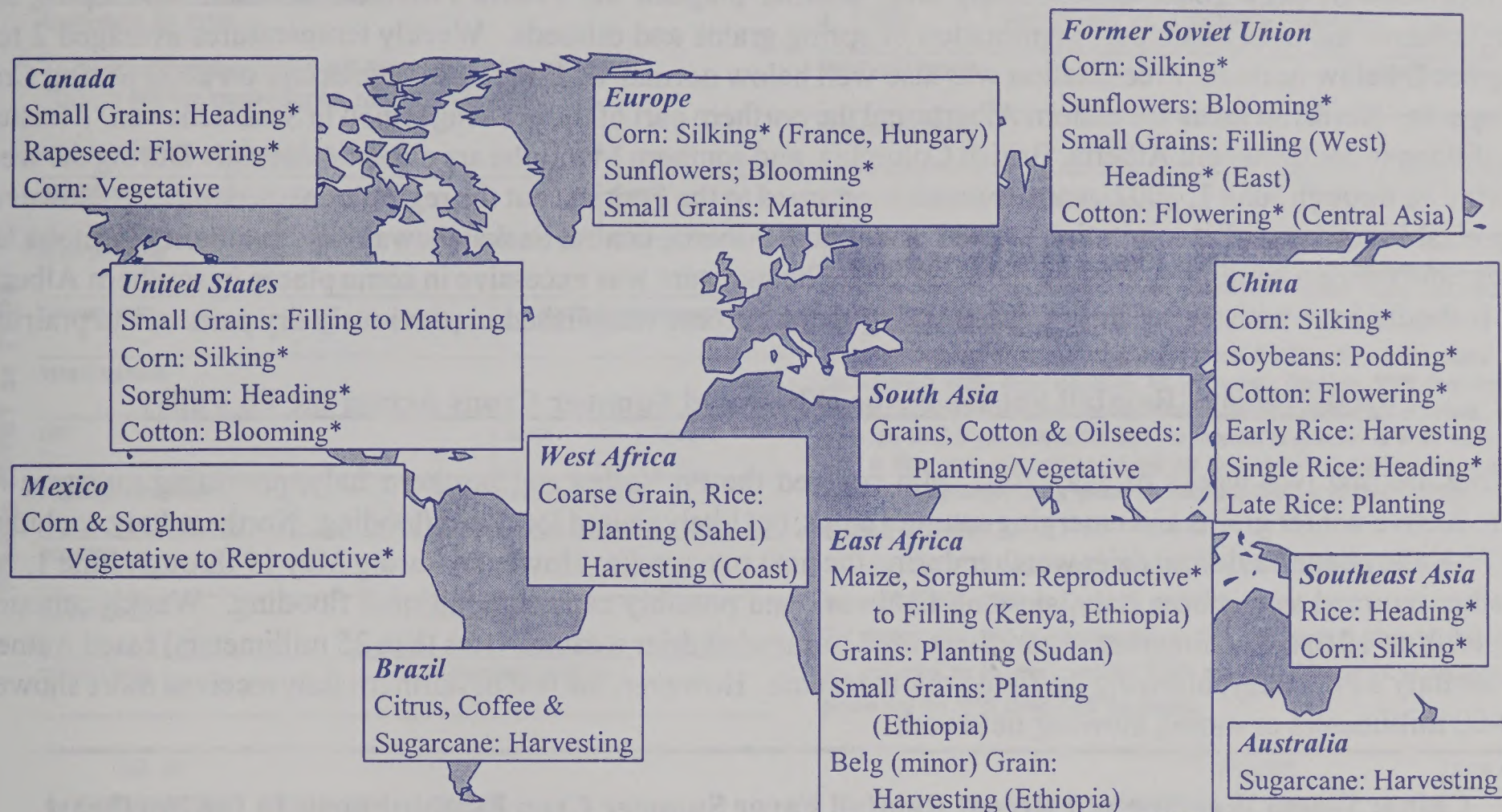


\* Moisture / Temperature Sensitive Stage of Development

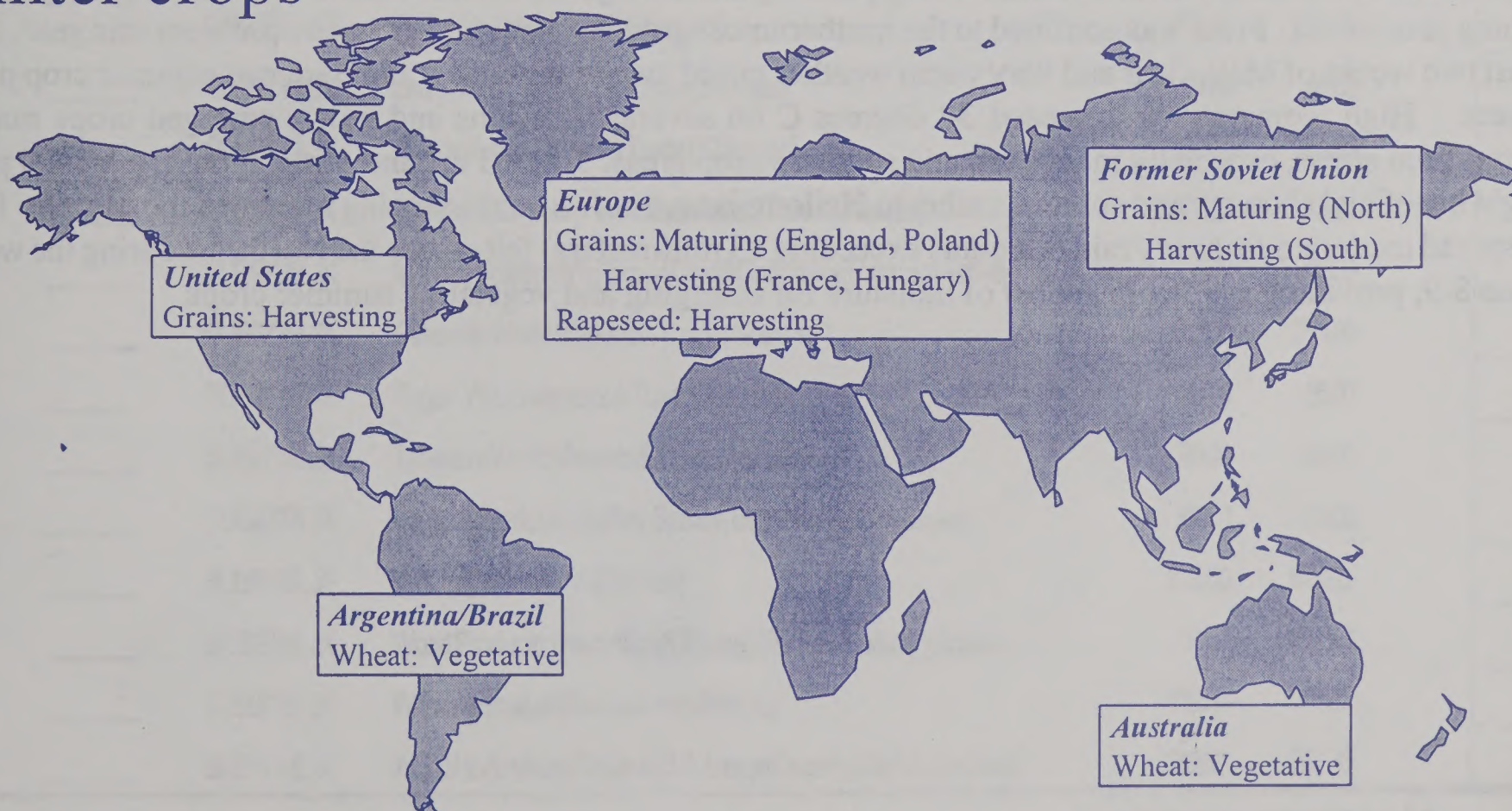


# July Normal Crop Calendar

## Summer crops



## Winter crops



\* Moisture / Temperature Sensitive Stage of Development



## **WEATHER BRIEFS**

### **Canadian Prairies: Cold Weather And Some Dryness Raise Questions For Crop Prospects**

During most of May 2002, unseasonably cold weather plagued the Prairie Provinces of Canada, keeping soil temperatures too cold to support germination of spring grains and oilseeds. Weekly temperatures averaged 2 to 8 degrees C below normal. Precipitation was also well below normal, adding negative pressure on 2002 Spring Crop prospects. The driest areas are eastern Alberta and the northern part of the growing region in Saskatchewan. Moisture conditions in southwestern Alberta, British Columbia, and southern Manitoba are closer to normal. During the week of May 26 through June 1, 2002, warmer weather returned to the Prairies, but the region remained too dry. However, appreciable amounts of precipitation arrived in southern Alberta, central Saskatchewan, and southern Manitoba last week, and the rain continued through the weekend. The moisture was excessive in some places in southern Alberta, but it should have assisted recently planted spring crops become established in previously dry parts of the prairie.

### **Italy: Heavy Rainfall Should Favor Wheat and Summer Crops Across the Po Valley**

During the first two weeks of May 2002, rain covered the Po Valley and northern Italy, providing moisture for reproductive winter grains and emerging summer crops, but likely caused localized flooding. Northern Italy, including the Po Valley benefited from drier weather during the next two weeks. However, during May 19 through June 1, wet weather returned to northern Italy, slowing fieldwork and possibly causing additional flooding. Weekly amounts ranged from 10 to 60 millimeters. From June 2 – 8, somewhat drier weather (less than 25 millimeters) eased wetness across Italy's Po Valley, allowing for fieldwork to resume. However, the rest of northern Italy received more showers (20-60 millimeters or more), slowing fieldwork.

### **China: Warm Weather and Recent Rainfall Favor Summer Crop Establishment In the Northeast**

In April and early May, widespread showers (5 – 25 millimeters per week) and unseasonably warm temperatures (2 to 3 degrees C above normal) favored summer crop planting and emergence in Northeast China (Heilongjiang, Jilin, and Liaoning provinces). Frost was confined to the northernmost growing areas and posed no problem this year. During the last two weeks of May, clear and very warm weather raised evaporation rates and hastened summer crop planting progress. High temperatures exceeded 30 degrees C on several occasions and newly emerged crops may have suffered from stress, especially in western and southern crop areas. Toward the end of the month, a frontal passage brought beneficial showers and cooler weather to Heilongjiang, but Jilin and Liaoning remained mostly dry. Finally, widespread moderate-to-heavy rain (amounts exceeding 25 millimeters) fell across the Northeast during the weekend of June 8-9, providing a welcome boost of moisture for emerging and vegetative summer crops.



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